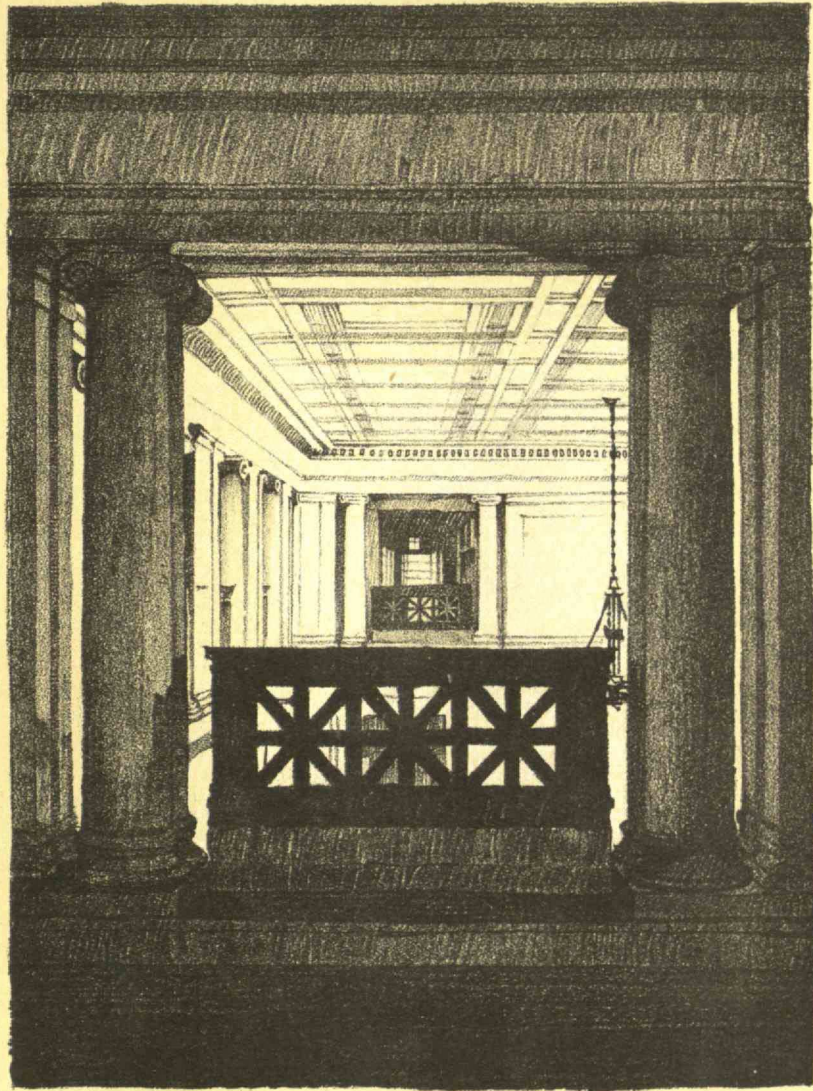


THE TECHNOLOGY REVIEW



SECOND FLOOR LOBBY

BY SAMUEL CHAMBERLAIN, '18

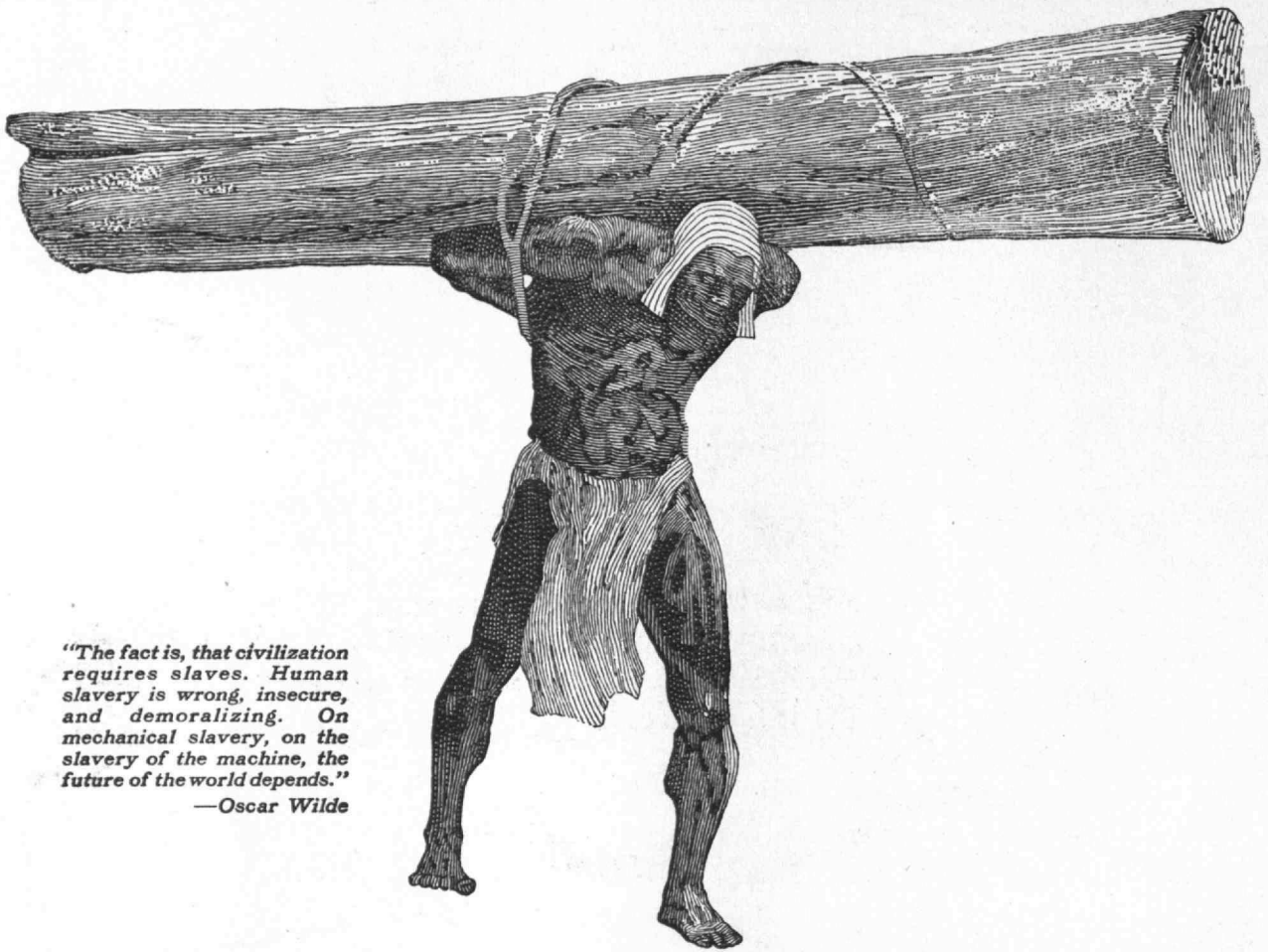
DECEMBER 1926

RELATING TO THE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

technology review

Published by MIT

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"The fact is, that civilization requires slaves. Human slavery is wrong, insecure, and demoralizing. On mechanical slavery, on the slavery of the machine, the future of the world depends."

—Oscar Wilde

Slaves



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"What are they?"

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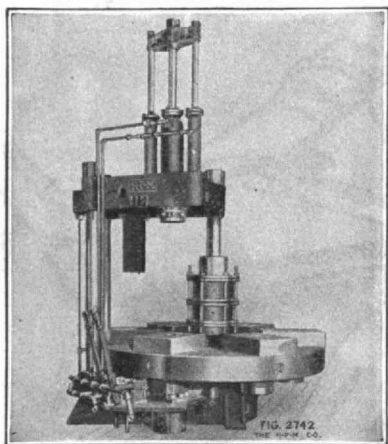
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SINCE
1877

Twenty East Broad,
Columbus, Ohio
Dec. 1, 1926

Dear Alumni:—

Radio season—again! I wonder if we are going to have another All-Technology Phantom Dinner via radio. I hope so, as the one last winter certainly proved a great success.

Speaking of radio equipment—it is interesting to observe the different hydraulic pressing operations involved in its production. This includes molding all of the Bakelite parts about the set; forming the carbon electrodes in the dry "B's"; and now even molding the case in which the "A" Power Unit is housed. These cases, you know, are now made of rubber or composition materials, with two cross partitions forming the cell cavities.



I happen to be using the "Gould Uni-Power." Its case is molded on the H-P-M Turret Type Press illustrated in the accompanying photo. This press carries six sets of molds on the turret. It turns out a perfect case every sixty seconds. The advantage gained in the use of this semi-automatic turret type press is a very definite reduction in production costs.

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To keep you posted on the many new developments in high pressure hydraulic pressing applications, I will be glad to send you our new magazine—"THE HYDRAULIC PRESS." Shall I place your name on the list?



Yours for Tech.

Howard F. MacMillin
II-21.

Howard F. MacMillin,
Vice-Pres. in charge of Sales.
The Hydraulic Press Mfg. Co.

The TECHNOLOGY R E V I E W

Relating to the Massachusetts Institute of Technology

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Contents for December, 1926

COVER DESIGN BY SAMUEL CHAMBERLAIN, '18

The Trend of Affairs	85
Editorial Comment	93
Dean Burton Takes a Hand	94
Oil in the Antipodes	95
<i>By Frederick G. Clapp, '01</i>	

DEPARTMENTS

The Architectural Bulletin	101
Undergraduate Affairs	105
News from the Alumni Clubs	108
News from the Classes	109

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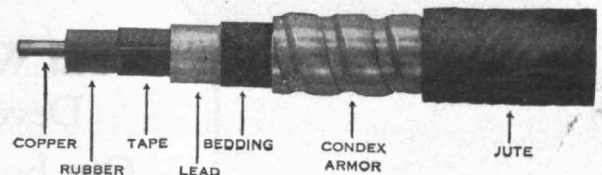
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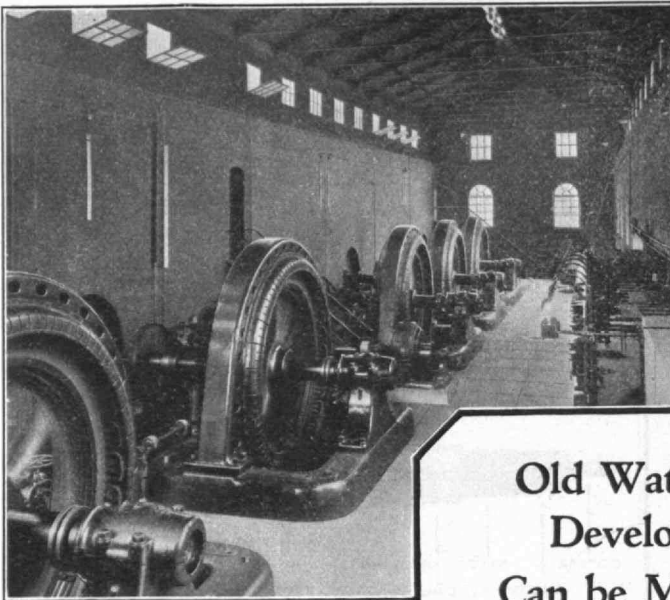
Condex has other advantages. It is smaller in diameter and lighter in weight, size for size, than any other park cable, therefore, it requires less labor to handle the same amount of cable and costs less to ship by freight.

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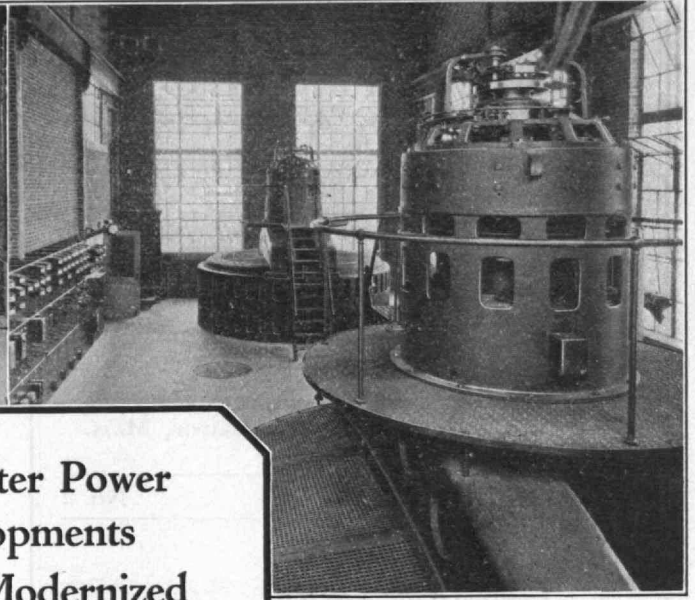
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The TECHNOLOGY REVIEW

VOLUME 29

DECEMBER, 1926

NUMBER 2

The Trend of Affairs

Dean Burton to the Front

MORE happily and sooner than could have been expected, the full-time manager of the campaign of the Dormitory Fund Committee has been found. He is former-Dean Alfred E. Burton, who returns from his California retirement to take charge of the plans which look toward the realization of what was once his most urgently reiterated hope.

The necessity for the services of someone who could give his full time to the work of promoting the new dormitory plans was stressed by Gorton James, '10, Chairman of the Dormitory Fund Committee in the course of his report to the Executive Committee of the Alumni Association, excerpted in the November issue of *The Review*. It was not at that time even remotely supposed that Professor Burton could be prevailed upon to undertake the work. His presence at the Institute, however (likewise chronicled in the November *Review*), just at the moment when discussion of this topic was most earnest, coupled with the fact that in his deanship, it was dormitories, their lack and their need, which furnished one of the most pressing problems of his administration, proved too strong a coincidence. More dormitories for the Institute has always been one of his most fond ambitions.

As a result, Professor Burton is already busily engaged in his new work. His appointment was announced on October 27 and in early November he left for an exploratory trip throughout the East which was expected to last until close to the middle of this month.

Specifically, the plans which Professor Burton is now engaged in furthering, call for five more units of like size to

be added to the existing Class of 1893 Dormitory. The total cost of the new units is set at \$1,200,000.

A note by Arthur D. Little, '85, on the Dormitory situation will be found in this issue on page 94.

Pension Plan Effective

SSIX YEARS ago there was appointed a committee to study the question of providing a pension and insurance plan for the members of the corps of instructors. Its members were Carroll W. Doten, Professor of Political Economy; Harry W. Tyler, '84, Walker Professor of Mathematics and Head of the Department of Mathematics; and Dugald C. Jackson, Professor of Electric Power Production and Distribution and Head of the Department of Electrical Engineering. The plan evolved was submitted to a meeting of the staff held on June 10, 1925, was approved, and the Massachusetts Institute of Technology Pension Association was formed.

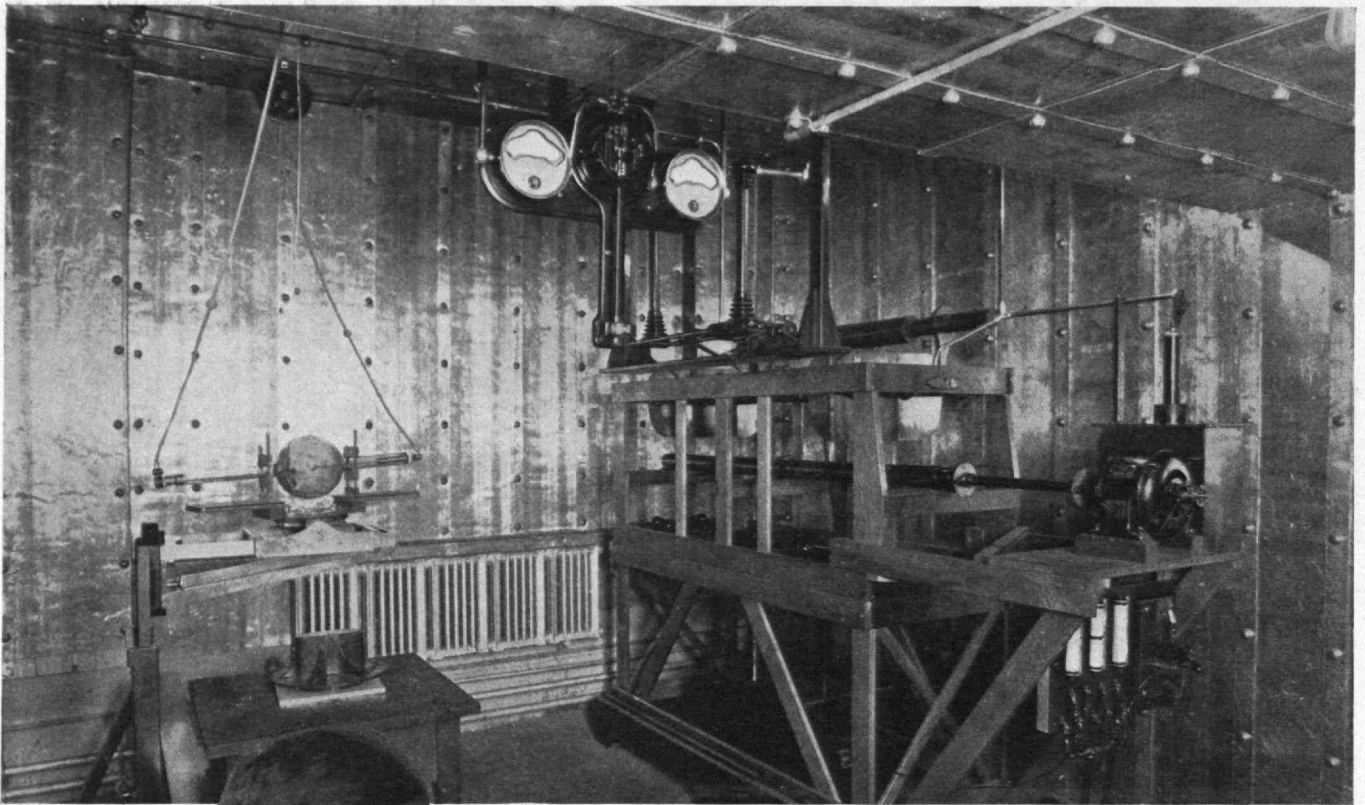
From then until this fall it has been subjected to the scrutiny of various actuarial authorities and the Division of Insurance of the Massachusetts Department of Banking and Insurance, from whose hands it emerged unscathed so far as its general provisions were concerned. It is said that, although the law has provided for associations of this nature since some fifteen years ago, no one has taken advantage of its benefits, and consequently the insurance officials of the Commonwealth found themselves without the guiding hand of precedent and were obligated to be meticulous as to all details of the Technology proposal. Finally, on October 22 of this year, the Insurance Commissioner of Massachusetts said that the



From a lithograph drawn for The Review by Kenneth Reid, '18

GERARD SWOPE, '95

*President of the General Electric Company, on October 13
elected to the Executive Committee of the Corporation as
recorded in the November Review*



X-RAY LABORATORY

This lead-lined cell at the Institute holds in abeyance the piercing rays produced by the large tube visible on the left. See also below

© General Electric Company

The "Hundred Billion Dollar Tube"



DR. COOLIDGE'S LATEST ACHIEVEMENT

A hundred billion dollars' worth of radium would hardly be enough to produce rays as intense as this cathode tube throws out. See the story on page 90

proposition appeared to conform "to the requirements of Section 39 of Chapter 32 of the General Laws, and when a certified copy of the by-laws with evidence of the legal formation of the association is filed with the Department the by-laws will be approved as provided in Section 40 of said Chapter."

Upon receipt of this statement, the Massachusetts Institute of Technology Pension Association met on November 3; unanimously approved its by-laws; learned with pleasure that 242 of

the 282 members of the staff eligible for membership had joined; unanimously elected Dean Henry P. Talbot, '85, as President, and Professor Allyne L. Merrill, '85, as Secretary. To serve on the Board of Trustees, consisting of five members (three being appointed by the Executive Committee of the Corporation), Professors Tyler and Jackson of the Committee which formulated the plan, were elected.

Pension Plan Provisions

TO PROVIDE immediate capital for the establishment of the "Pension and Insurance Fund" the Institute has appropriated

\$25,000. While participation is optional with present members of the staff, less than fifteen per cent of those eligible have failed to join. These will be obliged to join, if promoted in academic rank, as will all new appointees in the grades of Professor, Associate or Assistant Professor and Instructor, and to certain administrative offices. Assistants, Research Associates or Assistants, Lecturers, and members of the Department of Military Science and Tactics are ineligible.

Retirement for age is to take place at seventy and service beyond that point is to be only by special annual appointment, but, at the discretion of the Executive Committee of the Corporation, any member of the staff may be retired at any time after his sixty-fifth birthday.

The "Teacher's Annuity Fund" (formed by the contributions of five per cent of his salary by each of the participating members) will provide, upon retirement for age, an annuity purchasable by the individual's accumulated principal and interest, the annuity including such reversionary provisions for dependents as the individual may, with the approval of the Treasurer of the Institute, elect. The "Pension and Insurance Fund" (formed by appropriations from the Institute treasury equal to five per cent of each participating member's salary) will provide an equal annuity, but not to exceed \$1,200 per year. In the event of permanent total disability the accumulated principal and interest of the individual's contributions to the "Teacher's Annuity Fund" will be repaid to him or to his designated beneficiary and the "Pension and Insurance Fund," through group insurance, will provide him with \$5,000. The accumulated principal and interest of any member dying prior to retirement will be paid to his estate (or designated beneficiary), which will also receive the principal of his \$5,000 group insurance policy. Any member terminating his service at the Institute for reasons other than these will be repaid the principal and interest of his contributions to the "Teacher's Annuity Fund."

Typothetae

BEFORE the United Typothetae of America — the society of employing printers in the United States — at its fortieth annual convention held in mid-October, in Detroit, President Samuel Wesley Stratton presented an address on "The Importance of Science and Engineering to the Graphic Arts." The address was part of the Typothetae program on education — a matter of much present concern to the entire printing industry, which, although by claim is the fifth largest of all industries, is by admission one lacking in all semblance of a scientific and technical control.

Although the Typothetae is by no means completely representative of the master printers of the country, Dr. Stratton's address before it takes an additional significance in the light of a discussion held at the Institute last spring (See *The Technology Review* for July, 1926) on the

advisability of establishing at Technology a course dealing with the technology of industries allied to the Graphic Arts. A committee of printers, paper manufacturers and lithographers conferred with Dr. Stratton in May and laid before him a tentative proposal which might lead to such an end, and which this same committee is still considering. Dr. Stratton's Detroit address was intended to refocus attention upon the benefits which a scientific study could confer upon an industry which although huge in the aggregate is notably and chronically demoralized by the lack of men equipped to operate their component parts of it with sufficient economic and artistic understanding. Most of the industry's ills may be traced to the existence of a host of "marginal" printers whose struggles to continue in business dislocate the position of all the rest.

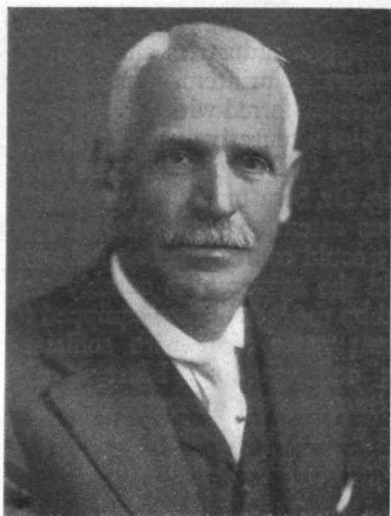
Endowment Insurance

MEMBERS of four classes, including 1923 which originated the plan, have taken out at the time of graduation some form of endowment insurance with the object of providing a gift to the Institute



WILLIAM D. COOLIDGE, '96

Assistant Director of the Research Laboratory of the General Electric Company, he developed the cathode tube, hailed as one of the most important scientific advances of the decade. See the story on page 90



HOTEL MAGNATE

Ellsworth M. Statler, President of the Statler Hotels, builder of the mammoth new Statler Hotel in Boston, spoke to the Faculty Club November 15, on "Human Engineering." See page 93

upon the occasion of their Twenty-Fifth Reunion. Figures showing the status of payments on these different plans as of November 1 have just been made public and are summarized in the chart on page 92. All of the policies have been deposited with the Bursar as are dividends on the policies, the latter being kept in a fund to care for the premiums of members who are unable for one reason or another to

meet their annual payments and let them lapse.

The collection of premiums is handled directly by the insurance companies, which notify the Bursar of policies unpaid at the time of their grace dates. From the returned dividends and other funds the Institute has been carrying all delinquent policies for three years after

which they are turned in to the insurance companies in exchange for their "cash surrender" value.

As was inevitable many men did not keep up their payments. Of the Class of 1923 there were originally 455 men who agreed to pay an annual premium on individual twenty-five year endowment policies of \$250 apiece with the John Hancock Mutual Life Insurance Company. After three years 88 of these had made no payments beyond the original contribution, and their policies were allowed to lapse, the Institute collecting the "cash surrender" value. Three more are being carried an extra year for special reasons, 47 more are behind on their 1925 and 1926 premiums (and will be allowed to lapse if the 1927 and previous premiums are not paid by next June), 38 owe for the 1926 premium due last June. Of the remainder, one has died and 276 are paid up, almost exactly two-thirds of the original subscribers.

The Classes of 1924 and 1925 used similar plans and now have 305 men paid up from 440 original participants and 241 from 325, respectively. Two members of the Class of 1924 have died and the proceeds of their policies, \$500, have been turned over to the Institute to be held as a special deposit fund at interest to be included with the Class Endowment Fund available in 1949.

The Class of 1926 placed its insurance on a slightly different basis. They insured sixteen of their members for \$5,000 each and one member for \$1,000. Three hundred and ninety-three members of the Class agreed to pay pro rata expense of premiums on these seventeen lives.



NEW VISTA

Seen from a leafy vantage spot in the Public Garden, the new Statler Hotel and office building asserts itself in the Boston skyline

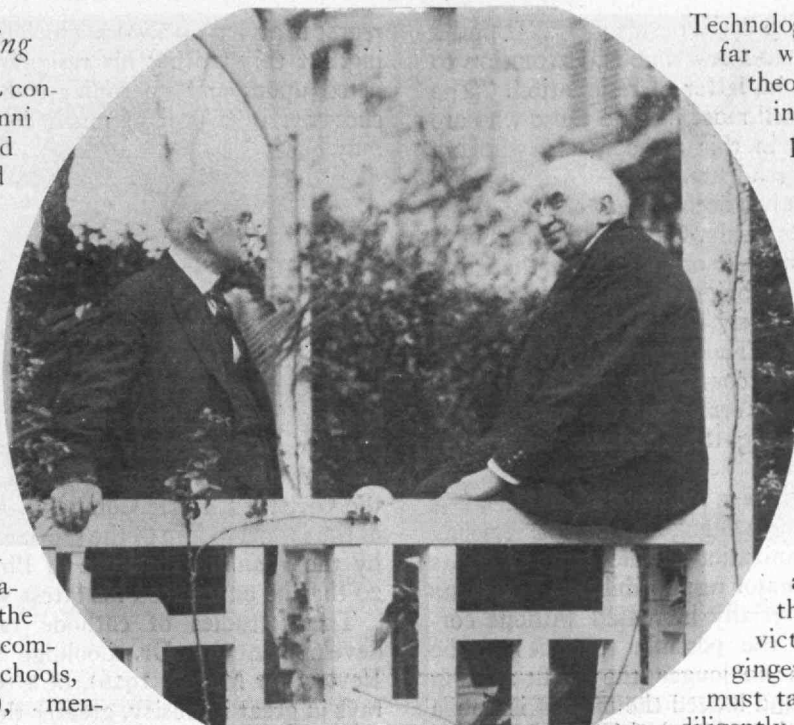
The 122nd Meeting

IN ECUMENICAL conference the Alumni Council convened for the one hundred and twenty-second time, again in the Faculty Room of Walker Memorial. The date was October 25, the attendance seventy.

A post-prandial guest and speaker was President Stratton. At some length he told of administrative policies, emphasized alumni cooperation, gave reasons for the drop in registration (competition with state schools, entrance difficulties), mentioned the new building construction course, passed to the alumni more than one bouquet. Frank L. Locke, '86, retiring Term Member of the Corporation, preceded the President in a hail and farewell talk. For the term membership plan for the Corporation he had only commendation, for the alumni another bouquet, for the world at large a statement on "Attention to the Human Equation."

Divers matters came up for discussion, chiefest of which was registration and a right merry volley of verbiage it precipitated, much of it cogently put, laid on with a trowel. Bradley Dewey, '09, girded up his loins, and let fly a criticism that was fated to cause this, the one hundred and twenty-second meeting, to lift itself by its own boot-straps from desuetude to vigorous, lambent debate, that caused critics to remark that no other Council Meeting ever equalled it. Mr. Dewey proposed a new Institute bulletin, "What is M. I. T. and How Can One Enter?" He emphasized his total inability to master the complications of Technology's entrance "red tape." President Stratton agreed and re-emphasized, expressed his belief that Technology was too much concerned with keeping men out and too little concerned in getting them in. This was the cue for Professor Harry W. Tyler, '84, he being chairman of the Faculty Committee on Admissions. Neatly, tersely, somewhat vigorously he explained his Committee's work, pointed out that they were not the literati responsible for the Institute's obtuse bulletins, parried the thrust of Professor Edward F. Miller, '86, that West Pointers entering here frequently had to trudge Institute corridors begging credits from heterogeneous professors. From thence on the discussion tapered off, catching several second breaths and never ceasing to be caviar to the assembly.

The coda was in two parts. Former Dean Alfred E. Burton offered the tense group a few remarks on



© Times Wide World
COMPETITORS FRIENDLY
George Eastman visits at the home of Louis Lumiere, leader of the French photographic industry

Technology's reputation in the far west, propounded the theory that this reputation increases in geometrical proportion to distance, pointed out that too many thought the Institute unattainable. Part two was the narrative by Lester D. Gardner, '98, air trotter, of his 21,000 mile trip in Europe, Asia and Africa by airplane, an account of which appeared on page 13 of the last number of The Review. With interesting anecdote he overcame the efforts of Walker victuals, and the novel ginger ale. Burton Holmes must take to flying and labor diligently or he will soon be outdone. And the Council will look hard for a better orator.

Statistics gleaned during the evening included the announcement by Secretary-Treasurer Orville B. Denison, '11, that dues payments to that date numbered 6010, whereas in last year it was January before this number was attained.

Mr. Macomber Resigns

AN ALMOST continuous association of over twenty years came to a close on December 1 when Alexander Macomber, '07, laid down the task of official alumni advisor to Tech Show. For fifteen years Mr. Macomber has been Chairman of the Alumni Advisory Council on Tech Show, and his connection with the activity in other capacities (he was its General Manager in 1906-07) dated back to his freshman days. He relinquishes it now only because of pressure of business.

The first hint of this necessity came on the beginning of Mr. Macomber's last term of office, when he accepted reelection on the condition that as soon as the Show for this school year was properly under way, a successor

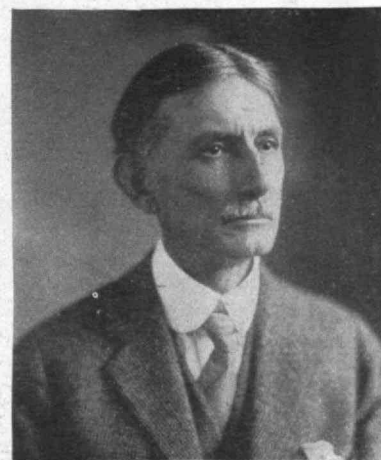


Photo by Notman

NEW PROFESSOR

Ross F. Tucker, '92, newly appointed to head the course in Building Construction now being planned

would have to be found to carry on his work. "I find I can no longer give the necessary time and attention to the work," said his official letter of resignation. "The membership of the Council must include those who are able to give generously in this respect, and who are always accessible to the students."

He continued: "There has been a great change in the Show during the last ten years. Outside of athletics it probably engages the interest of more men than any other student activity. It provides a special opportunity for human contacts so largely needed in Technology's limited undergraduate life. The opportunity of increasing alumni interest over the country by means of special trips offers a fertile field for cementing the organization of local clubs and bringing the Institute before the general public."

"The growth of the Show is evidence of all this, but with this growth has come a change in the business side of the problem. The organization handles large amounts of money and assumes major responsibilities. The costs of production have materially increased without corresponding increase in the possible revenues to be obtained. The Show is no longer the profit-making activity as in the past, and indeed the margin is now a dangerous one and requires thoughtful attention. The problem of the future is to find a satisfactory balance between the Show's rolling snowball of activity and the general scheme of things. With a changing undergraduate management, it is difficult to accomplish satisfactory results without disaster. This means that the Advisory Council of the Show must give a great deal of time to these problems in conjunction with the student managing organization."

Mr. Macomber emphasized his personal

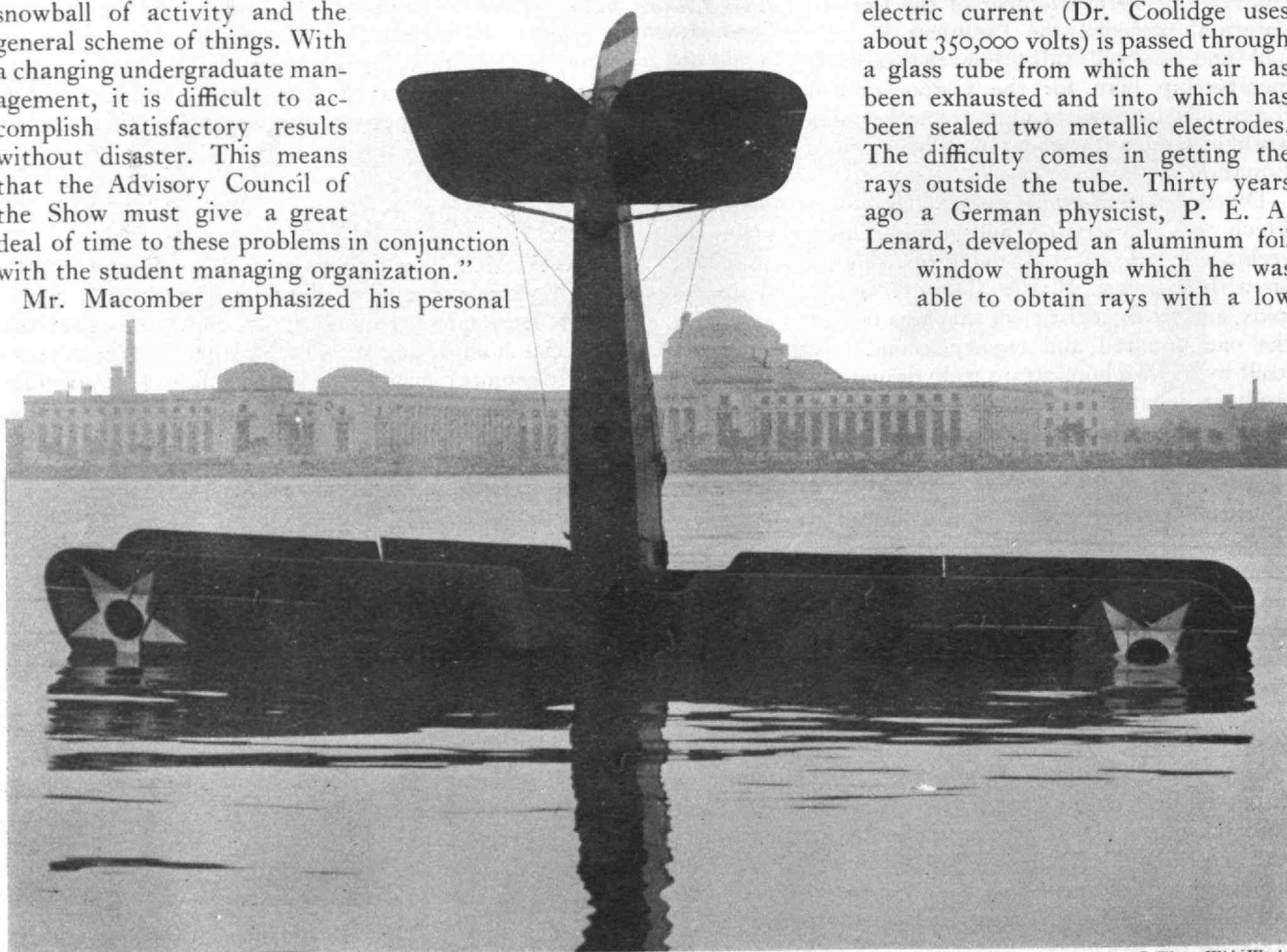
regret in giving up a work which had proved so stimulating. At this writing his resignation has not yet been acted upon, and no rumor is heard as to whom his successor in a post of much delicacy and importance may be.

Cathode Tube

PLACED in their path, rats die, shrivel up; acetylene gas solidifies; wax is given a permanent electric charge; castor oil becomes a solid; insects and germs die instantly; calcite glows with a cold yellow light. Cathode rays (the same as the Beta particles emanating from radium) produce these and other strange phenomena as recently shown by William D. Coolidge, '96, Assistant Director of the Research Laboratory of the General Electric Company. It was on the occasion of the award to him of the Howard N. Potts Gold Medal by the Franklin Institute of Philadelphia on October 20 that he announced his latest work in this field.

These studies of cathode ray effects follow the development by Dr. Coolidge (See The Technology Review for March, 1926), of a tube that produces the rays in great intensity, greater than could be produced, says the inventor, by a ton of radium which, if obtainable, would be worth one hundred billion dollars. The

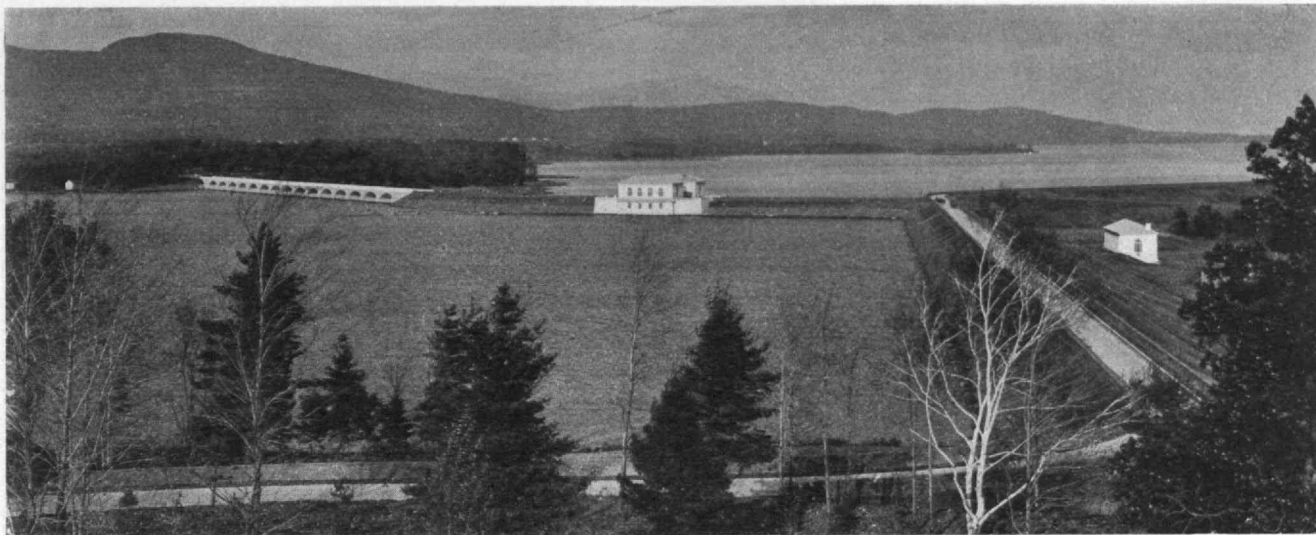
rays are obtained when a high voltage electric current (Dr. Coolidge uses about 350,000 volts) is passed through a glass tube from which the air has been exhausted and into which has been sealed two metallic electrodes. The difficulty comes in getting the rays outside the tube. Thirty years ago a German physicist, P. E. A. Lenard, developed an aluminum foil window through which he was able to obtain rays with a low



© Times Wide World

TAILS UP

This plane, participating in a Navy Day celebration, October 27, developed engine trouble in front of the Institute with this well placed result. Pilot and observer were neither wet nor hurt



ASHOKAN RESERVOIR

New York City's greatest source of water, largely the work of J. Waldo Smith, '86. Recently drought or other causes have lowered the water level dangerously. See the story on page 92

intensity. The new Coolidge tube has a window of nickel, five ten-thousandths of an inch thick, capable of withstanding fifty pounds pressure. Because the electrons of which the rays are composed are much smaller than the atoms of which the window is made, they can dodge between them and out into the open air; but the atoms of the air are too large to squeeze through and into the tube.

Other novel features of the Coolidge tube include a heated tungsten filament, originally used by the inventor in the x-ray tube and now known to all as an essential part of radio tubes. This furnishes the supply of electrons. The glass tube has been shielded with copper so that the stream of electrons cannot strike the glass and cause punctures, thereby permitting operation of the tube at voltages far higher than any previously obtained. It is also the first portable tube of its type.

"The cathode ray," says Professor John T. Norton, '18, of the Institute's Department of Physics, "will, I believe, wholly change some of what we have considered advanced industrial research methods. It gives us a new means of analysis superior in many ways to chemical analysis. Very small quantities of a given element can be shown up in the spectrum. And it will produce the spectrum of any specimen set before it without destroying or injuring the sample. . . . I look for revolutionary things in the next twenty-five years from Professor Coolidge's work."

What else it may accomplish is still a matter of conjecture. Battlers against cancer see in it possibilities. Its range is limited to a few yards; so as a "death ray" it will be ineffective. It may reveal new elements and new methods of combining them, say some physical chemists.

Dr. Coolidge, from 1896 to 1905, was consecutively Assistant Professor of Physics (1896-1900), Instructor in Theoretical Chemistry (1900-1903), Research Assistant in Physical Chemistry (1903-1904), and Assistant Professor of Physico-chemical Research (1904-1905) at

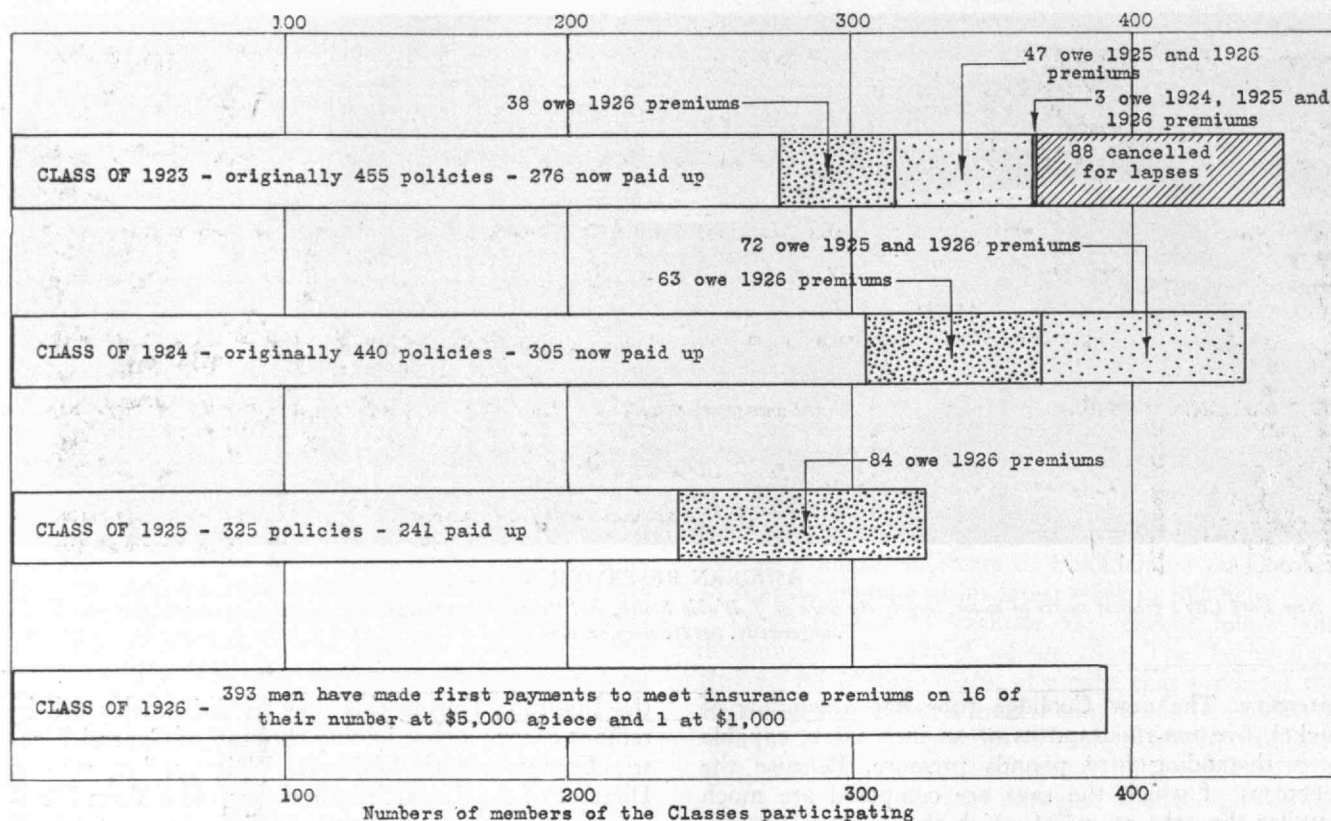
the Institute. During this time he did much work in radiant energy before joining the staff of General Electric Company with Willis R. Whitney, '90, who is Director of the Research Laboratory and a Term Member of the Technology Corporation.



© Keystone

DRAWER OF WATER

J. Waldo Smith, '86, Consulting Engineer for the New York Board of Water Supply, Fritz Medalist for his contributions to civic engineering



CLASS ENDOWMENT FUNDS

Chart showing payments made on Class Endowment Funds as of November 1, 1926. At the Twenty-Fifth Class Reunions how much will the bars have shortened? See the story on page 87.

A.P.H.A.

ELECTROCUTION of pathogenic organisms in milk is part of a pasteurization method discussed by Professor Samuel C. Prescott, '94, in a paper presented to the American Public Health Association in conference at Buffalo, October 11-14. In a small plant near Boston, Professor Prescott, with Edward M. Holmes, '26, has been studying an installation whereby milk is subjected to a 220 volt, sixty cycle alternating current, in such a manner that the milk serves both as a conductor and a resistance. The resistive effect raises the temperature of the milk to a predetermined degree (158-160 degrees, usually). In twelve seconds what appears to be adequate pasteurization takes place. This is far quicker than any other method, no cooked taste is given the milk, and the cream line remains well marked, — factors of great commercial importance.

Careful experiments are now being conducted definitely to determine whether there is an actual electrocution of bacteria. Said Professor Prescott of some English experiments with the same process: "There seemed to be some evidence for the opinion that this destruction of the micro-organisms was not solely the result of this small period of heating, but that there was also an electrical effect. It was demonstrated that milk could be freed from living tubercle, typhoid and colon bacilli by this process, without noticeable change in its appearance or taste and without greatly exceeding the temperatures actually employed by Pasteur in his classic experiments on the treatment of liquids to prevent

spoilage. . . . My own experiments on the effect of this treatment on mycobacteria tuberculosis have agreed with the results of the English and some other workers, and have shown that operating under the recommended commercial conditions of 160° F., 220 volts, sixty cycles, no tubercle bacilli survive."

Thirsty City

INTO New York City daily flows 825,000,000 gallons of water from four sources, of which greater than the total of the other three is the Ashokan Reservoir in the Catskill Mountains. More than 600,000,000 gallons per day leave this huge storage lake to rush through aqueduct and tunnel, over valleys and under the Hudson River, down to 6,000,000 dependent souls. It is the heart of New York. Should its flow cease, the result would be catastrophic.

It is with a full realization of this that officials and engineers have helplessly watched, inch by inch, the level of the great reservoir drop. The Board of Water Supply regarded a deficiency in rainfall in the Ashokan watershed as the cause of this condition. But now from the realm of journalism comes another explanation.

The New York *Herald-Tribune* sets forth at great length the hole-in-the-bottom-of-the-sea theory that much of the water which should be held in the reservoir finds its way through the bottom into subterranean channels and so is lost as far as the city's supply is concerned. This theory is met with prompt denial by engineers of the municipal departments dealing with the

supply. They maintain that the reason for the low level of the water is that which has heretofore been generally accepted. Mayor Walker has acted in the matter by requesting J. Waldo Smith, '86, former chief engineer, and now consulting engineer of the Board of Water Supply, to make an investigation.

It is this man who has been the *deus ex machina* of the water supply system. To him in 1918, for this work, went the John Fritz Medal, the highest American engineering award.

Statler

IT IS a far cry from the new Hotel Statler in Boston to the Cheshire Cheese in London where Samuel Johnson said "There is nothing which has been contrived by man by which so much happiness is produced as by a good tavern or inn." Ellsworth M. Statler, inn-keeper extraordinary, President of the Statler Hotels, appropriately quoted this, however, in speaking to the Faculty Club, November 15. "I come," he said, "to acknowledge my debt to engineering . . . there is something of engineering in the hotel business, for after all operating a great public institution is a work in human engineering."

From fact and philosophy to prophecy went the speaker: "It will not surprise me to hear that in the future, the traveler will step into an airship in an air station on the top of his hotel in Europe and land on the top of another in New York. . . . I believe that, with increased demand for concentration of facilities, there will come buildings in which will be combined living quarters, offices, stores, theaters and even churches."

He ended by evoking the Golden Rule.

Editorial Comment

Tempered Judgment

A problem of inquest, of jurisprudence of a highly difficult sort has faced the student and presidential committees investigating the disgraceful student outbreak of Thursday, November 4, the eve of Field Day. So sensationally did the news sweep over the country, that opinions were formed without benefit of calm judgment or accurate information, and the cry arose somewhat impetuously for summary punishment of the students involved. But justice — or punishment, if you wish — demands judicious meting out and there must be evidence, evidence appraised dispassionately. As these words are written two investigating committees are at work with the determined purpose of arriving at the truth of the situation. It remains for alumni and the public to await for facts, to temper judgment to what actually happened. Investigation already shows that reports were somewhat garbled and consequently The Review publishes upon page 105 of this issue a factual account of the unfortunate occurrence.

The two committees — one composed of students appointed by the Institute Committee acting on its own initiative and the other an official group of Faculty members and administrative officers appointed by

presidential authority — are faced with two problems. The first is the disciplining of the offenders in this specific outbreak. The second, and infinitely more important, is the consideration of how such a humiliation to the Institute may be rendered impossible in the future.

Happily the first problem is well on the way to solution. Student government rose to the crisis in a way which makes confidence in it almost indissoluble. Public apology has been made to the citizens of Boston and Cambridge by officers of the Institute Committee and the Classes; the Institute Committee has voted to recommend the assessment of property damages on the two lower classes (exempting those who make affidavits that they were not present during any part of the evening); and the investigating committee composed of students has been at work collecting and sifting evidence with plenary powers to compel testimony by any student who may be thought incriminated.

But to the problem of how to prevent future trouble a good deal of earnest consideration must be given. It is up to all — Faculty, Alumni, administrative officers — to make it quite plain that although boys may be boys the time has come when interfering with street traffic and the destruction of private property can no longer be tolerated; that although the Institute will maintain its traditional policy of non-interference in student affairs, and will gladly suffer a few splintered doors and some broken glass on its own property rather than abridge the liberty of its students, it will and must act decisively when its good name is dragged in the streets. Then, too, it is up to the Student Government to incline the freshman twig much better than in the past years. It should be borne in upon the freshman mind that activity, that 'pep', since this is the age of it, is to be encouraged but that it can be much better expressed by pulverizing the sophomore on Field Day, or by helping to create the best *Tech*, the best *Voo Doo*, the best *Technique*, the best Show in a decade, than by insulting the citizens of the cities in which the Institute enjoys a tax-free existence, or by destruction of their property. If this is not done, and done soon, there is real danger (it has already shown its head) that pre-Field Day parades will become "tradition" to be upheld against the state militia, if necessary. They are not tradition, and the little boys who think they are, are very, very young. They need correction before they grow older. Other college students are at the moment laughing at them for their childishness, and if the anger of Boston does not touch them, perhaps the mirth of Harvard may.

Beyond question disciplinary action will be taken against certain individuals as soon as the findings of the investigating committees are completely in. Coincidentally it is to be hoped that some vigorous and unequivocal administrative utterance will make the Institute's official position unmistakably plain. But not until we begin to see the signs of forthright upperclass condemnation of hooliganism and a new encouragement to means of outlet for animal spirits, which, although no less effective, will not stigmatize the name of the Institute, we cannot be sure that the disgrace which marred 1926 will never again be repeated.

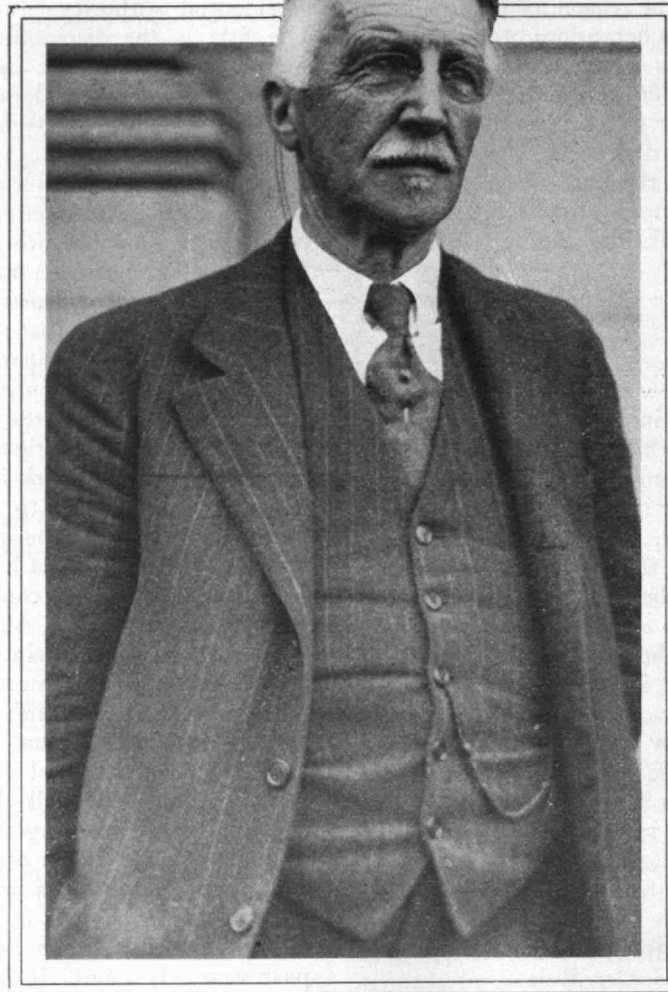
Dean Burton

THE usefulness to the community and the personal success of the technical graduate are both commonly determined quite as definitely by his ability to meet and deal with men as by his acquired knowledge of facts. Four years of close association with his fellow-students in dormitories, sports and commons provide the university graduate with a knowledge of human nature far more intimate than that obtainable through classroom contacts and establish personal relations which endure through life and afford some of life's greatest satisfactions. In the sympathetic environment of the microcosm of the college the youth learns to deal with many of the personal problems which he is destined to encounter later in the world outside.

The practical value of a

technical education is generally recognized, but quite as generally the technical schools are believed to fail in large measure to develop in their students the community of spirit and the close and enduring human relationships which so profoundly influence the college man to his advantage.

Technology has always labored under a heavy handicap in this respect for which such commendable adjuncts as Walker Memorial, The Tech Show, and other student activities offer only partial and quite inadequate compensation. With 1300 of its students scattered in Cambridge and Boston boarding houses, in rooms which are often badly ventilated, badly lighted, and without access to a bath, it is difficult to cultivate the community and amenities of college life. We are depriving them of much for



ALFRED EDGAR BURTON

"The problem is so pressing and the need so urgent as to have called Dean Burton from his retirement"

We Turn to Him for Dormitories

And Arthur D. Little, '85, here stresses the vital necessity of the success of Professor Burton's campaign

now in progress and has for its immediate objective the raising of funds for the construction of a dormitory unit to house 400 students and to stand in direct architectural relationship to the present dormitory. The problem is so pressing and the need so urgent as to have called Dean Burton from his retirement in California. In early November he started on an extensive trip through the East, which is the introductory move in his work. By visiting individuals and groups of Technology men he hopes to familiarize and interest as large a group as possible with the dormitory situation. No one can present the necessity of the case with more authority than he, and no one is more beloved by the Alumni to whom his appeal is made.

— Arthur D. Little, '85

Takes a Hand

which physics and chemistry are a poor substitute, and it is not surprising that many parents hesitate to place their sons in an environment so barren and so remote from supervision.

With a registration of about 2600, Technology now provides dormitory accommodations for only 296 of its students. Nine-tenths of those who seek its hospitality must turn to other doors. About one-sixth are fortunate in finding in the fraternities a stimulating community life. Another sixth live at home. Thirteen hundred are forced to cultivate manners and morals and the social graces in boarding houses, not all of which are equally well provided with the labora-

tory equipment.

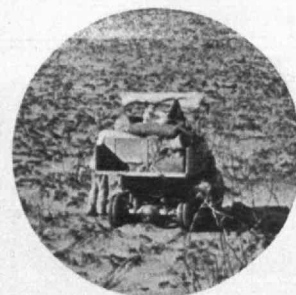
An earnest effort to relieve so undesirable a situation is

Oil in the Antipodes

An account with illustration by the author of experiences in search of oil in British Oceania during the course of which "caterpillar" meets "desert" and is vanquished

By FREDERICK G. CLAPP, '01

Consulting Geologist



In the desert

AUSTRALASIA, as understood by its inhabitants, includes the British portion of Oceania; or, more specifically, it consists of Australia, New Zealand, British and Australian New Guinea and a few other islands. I was privileged to spend almost two years in the two principal dependencies of this group — the Commonwealth of Australia and the Dominion of New Zealand. This engagement proved no exception to the rule that the greatest professional problems generally demand immediate attention; so, after the exchange of a few cables, I found myself, one November, speeding westward.

While outward bound from San Francisco one is always duly instructed in the principles of antipodean geography. Thus, having spoken to some Australian ladies about the "Island of Australia" I was plainly informed that "Australia is not an Island — it is a *Continent*", and they went on with assurances that it is fully as large as the United States. The comparison seemed interesting, and, acting on the idea conveyed, I took a map of the United States and sketched on it to the same scale the outline of Australia upside down so that the degrees of latitude should properly illustrate the reversed conditions of the Southern Hemisphere.

As a result, the inverted Australia proved to extend in latitude from Boston to Panama and in longitude from Washington, D. C., to San Francisco. New Zealand, in turn, which lies 900 miles east of Australia, would, if inverted on the United States, extend from Boston to Palm Beach and its widest portion would reach from Washington to Louisville. The people of Australia and New Zealand are, with few exceptions mentioned hereafter, all white, and the inhabitants are

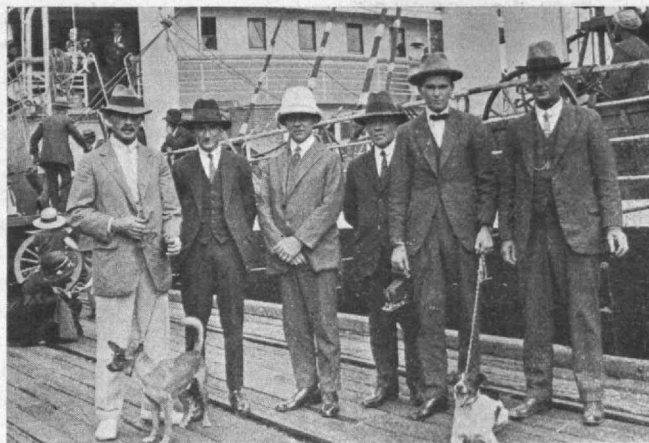
in their ancestry more British than those of England.

So much for the general perspective offered by a sojourn in that part of the world. A few weeks' visit in New Zealand on the outward voyage I shall describe on a later page with the account of my longer visit to that country. Continuing to Australia, the Union Steamship Company of New Zealand lands its passengers in Sydney, the capital of New South Wales, where I arrived about February 1 and was duly impressed with the progressiveness and culture of that city of a million inhabitants, the beauty of its parks, the popularity of its beaches, race tracks and cricket grounds, and the many wonders of far-

famed "Sydney Harbor", which lived up to prospectuses.

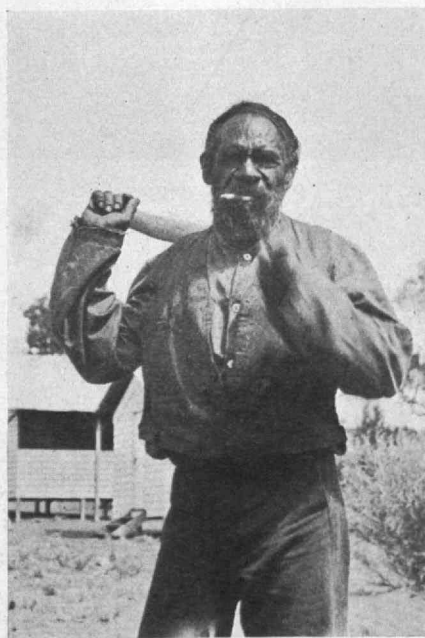
On landing, I was besieged by reporters, who turned out to be generally tractable and were satisfied when inquiries were answered by the assertion that I was a believer in "White Australia". Fortunately I did not hold an opposite conviction, for Australians are boastful that their country is "all white", forgetting in their inherent patriotism that the north and central portions of the Continent contain many thousands of black aborigines and several thousand Asiatics, who are admitted for two or three years only to enable them to carry on such work as pearl diving. When they leave, they must not return.

From that time forward I could never be free of reporters on arrival at any principal city or after any country excursion. Even one Saturday evening, after a drive with the Government Geologist of South Australia to look at some Permian-Carboniferous and Pre-Cambrian tillite (ancient glacial deposits) — a strictly non-economic and non-political trip into the country — the



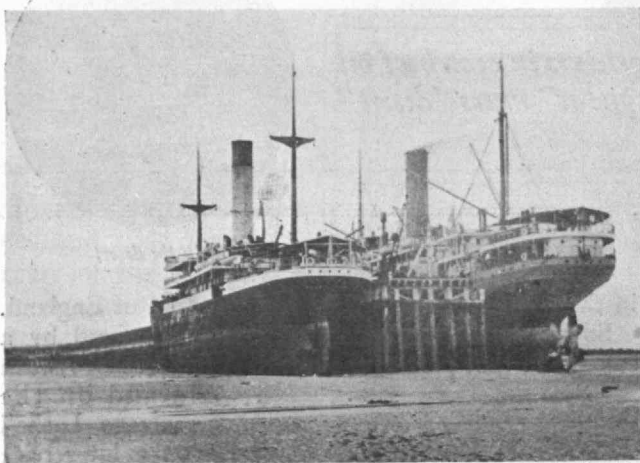
THE TAKE-OFF

The Clapp party about to leave for the great Australian desert in search of petroleum. Mr. Clapp is third from left



THE BOOMERANG THROWER

The face, like the occupation, of this gentleman belies the western clothing and cigarette



LANDLUBBERS

Ships left high and dry on the mud of the Broome Harbor, West Australia, by the thirty foot tidal drop

newspapers remarked, "Dr. Clapp stated that the trip was purely a holiday excursion and had nothing to do with oil".

During the first few days of an Australian visit, one is instructed in tea-drinking. It soon became customary to accept a cup of this beverage at 7 a.m. before rising, to have tea for breakfast at 8, "morning tea" at 10:30, tea during lunch, afternoon tea at 4, tea at "tea time", and frequently tea previous to retiring for the night. Tea is one of the pleasant little diversions of British life.

Melbourne and Sydney are about as friendly towards one another as are Los Angeles and San Francisco; for Melbourne also is a fine city and was the seat of the Commonwealth Government until displaced by the newly created District of Canberra in 1925. Adelaide, the capital of Southern Australia, is likewise a beautiful city and has some of the finest gardens and hedges in the world. They justify all advance claims made.

Some hostility was encountered in South Australia from promoters of fake enterprises and even from editors of yellow journals, owing to the truthful announcement that the American geologist had found these States unfavorable to the occurrence of oil. The insurgents considered an unfavorable report, however authentic, to be an unwarranted slur on the State and "to retard legitimate development". However, such petty annoyances only added humor to the situation and made friends among the scientific and intellectual classes.

The journey was continued westward over the Trans-Continental Railway. The total length of this line from Sydney to Perth compares favorably with that from New York to Los Angeles; and the Trans-Continental

Limited, on which the traveler lives for a day and a half of this journey, is the equal of any train in the world, having shower baths, piano, free dining service and all necessities. The luster of the journey is somewhat dimmed by the fact that in the total distance of 2761 miles between Sydney and Perth there are three different gauges of track — three feet, six inches; four feet, eight and one half inches and five feet, three inches — necessitating six changes of cars in this distance. The discomfort of the miniature four-berth compartment sleepers on the West Australian division, as well as the third-class "parlor cars" at first-class prices used for a certain distance on the South Australian Railways largely offset the favorable impression otherwise created by the Trans-Continental Limited and the superb trains of the Victorian Railways. The electric suburban service of Melbourne is the equal of that found on the New York Central Lines out of New York City.

Beyond the vast stretches of the Nullabor Plains and contiguous country in South and Western Australia, where one travels four hundred miles across a flat plain without seeing a tree or experiencing a single undulation of the surface or a deviation of the track from the straight line, lie the "Golden Mile" and other abandoned mining camps of the west, which in the past have made history. Kalgoorlie, Coolgardie and Southern Cross we passed in turn, and the next morning the narrow gauge train pulled into Perth. This city of 155,000 persons contains more than half the inhabitants of Western Australia — a State one-third the size of the United States. It is truly a "State of magnificent distances", and has tremendous opportunities in mining, agriculture and stock raising; yet it is so thinly settled that I passed only thirty-three houses (outside of two small villages) in my 1230 mile motor trip from north to south made later in the year over the main highway



PEARL FISHERS

A lugger on the beach near Broome



SYDNEY HARBOR

The Monte Carlo view which Dr. Clapp saw from the Astor apartments

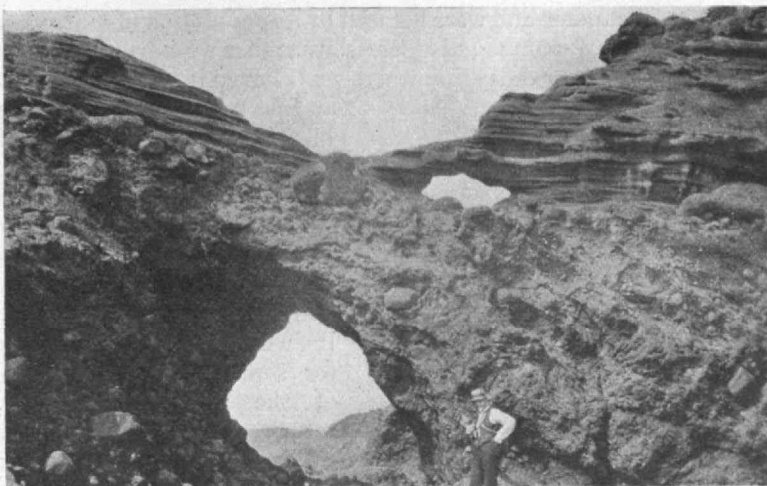
between Broome, the pearl-fishing mart of the Northwest and Mullawa, which is the rail head, distant from Perth only by an over-night journey by sleeping car.

The object of the Westralian visit was the exploration of the great Australian Desert and its borders—covered by certain oil prospecting areas aggregating several hundred thousand square miles—over which my client had options. So, in going about Perth outfitting the expedition, interviewing government officials and others, I spoke as freely as the occasion warranted of going to the “desert”.

If the designation of Australia as an “island” had annoyed some of Australia’s charming women, this experience was multiplied by the wrath evinced on the part of certain hospitable Westralian gentlemen at the mention of the word “desert”. As a matter of fact a desert exists on all the maps, books have been written about it, the Commonwealth’s leading geographers have thus classified vast areas of the interior in the region under discussion, and my instructions from my client were to study the “desert”. Nevertheless, when I spoke casually of all these features during a social evening spent at the house of a friend, one of the State’s worthy officials remarked just as precisely, “There *is* no desert”. Explanation was useless: he insisted on this contention. Then I learned that this desert is a sensitive subject with many Australians, and I resolved to probe the veracity of the subject and prove its existence to the satisfaction of all but the most obstinate persons.

One day in April, the good ship *Minderoo* sailed for the north, having aboard it the writer as chief of party, the son of his client* as secretary, a mechanic, a “bushman”, a wireless operator and a cook. These individuals were by nationality a New South Welshman, Queensland, Westralian, Englishman, Frenchman and American; and in consequence the party proved about as peaceful as the League of Nations throughout the duration of this expedition. Later another New South Welshman, a Victorian and an Indo-Chinese were added, to provide for a “Scouting Party”, “Base Party” and “Supply Party”

*The Australian engagement was undertaken on behalf of Mr. Albert Edward Broué, of Sydney, whose vision led to the search for oil in the great “desert”. When Australian studies were discontinued they were carried on in New Zealand for Taranaki Oil Fields Limited.



“WAVE CUT”

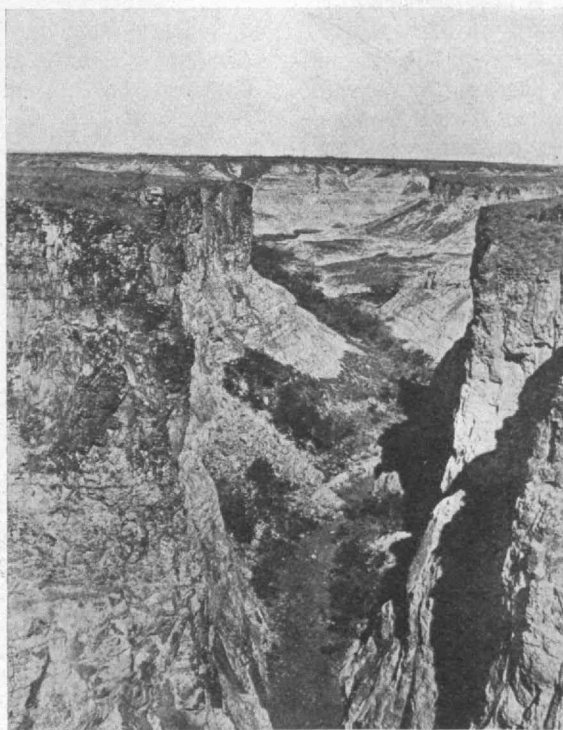
Peculiar rock formation in Taranaki, N. Z.

of three men each. In addition, a Northwest “bushman” was temporarily employed, as were sundry half-civilized aborigines as local guides. Three dogs—Monte, Snip and Spot—made up the personnel, and were (theoretically at least) serviceable in keeping the camps safe from attack of savage blacks who might steal in by night from the center of the desert.

The *Minderoo* ploughed northward for ten days to the tropical coast of Kimberley Division in the far Northwest. This is a land where no Australian goes except on important business; and where reside chiefly aborigines, mosquitoes, ants, snakes, kangaroos and myriads of flies. William Dampier was about right when, in 1699, he visited the coast with his crew of

buccaneers and called it the “Miserablest Country”. The name may still fit to a certain degree, for to Australians a tremendous political and economic problem is offered by this Northwest. Yet the country remains to be proven, and Western Australia as a whole and large areas of the North in particular have great prospects if wisely administered.

After cruising among islets and along low mangrove-bordered shores we landed one day at Broome, and unloaded personnel, two caterpillar motor-tractors, 2500 gallons of “Mercury” brand gasoline (known to Britishers variously as “benzine”, “motor spirit” or “petrol”), enough provisions to last several months, camp equipment, firearms, wireless outfit and the geological and surveying equipment. For a few days we had the



ROYAL GORGE

A gap in the West Australian desert near its north escarpment

freedom of Broome and were lionized by its population of whites, blacks, Japanese and other Asiatics; then we started for the desert or the region where we believed it to be.



THE FAIR

Aborigines au naturel with a background of Transcontinental railway

tractor, complications caused by competitors, and so forth. Frequent reliance on our base of supplies seems to have worried the editors and correspondents of certain yellow journals more than it did my client; although the misrepresentations made by vendors of motor and wireless equipment caused a loss of many thousands of dollars in delay and repairs. In fact, the much advertised tractors which had successfully crossed the Sahara (proceeding in that desert collectively and escorted by camels and a fleet of trucks) proved dismal failures in a desert of the Westralian type. A hundred miles of "pindan" or dense brushy scrub, bordering the desert on the northwest, were to be penetrated — a feat never successfully accomplished by any vehicle and only half a dozen times by horse or camel. Scores of miles of waterless country were to be crossed at the end of the second year of the greatest drought ever experienced by the Australian Northwest. Guides proved of little use and it was necessary to break our own trail to the crest of the "Great Plateau" by way of its gently ascending northwest terminus, east from which extends its precipitous North Escarpment for a distance of at least 200 miles without a single point suitable for access by any vehicle.

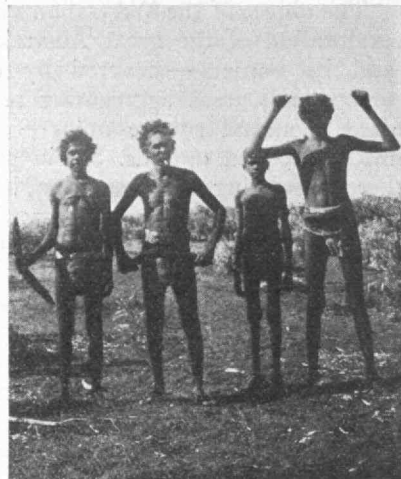
Game was scarce and practically all subsistence had to be transported for the party of six to ten men. All gasoline was hauled by motor from the coast

Yes, we started, but did not leave troubles behind us; in fact they had just commenced. Broome was our base of operations; and to this port it was necessary for some member of the party to return again and again on account of a multitude of difficulties with wireless, breakage of motor equipment, failure of caterpillar bands, necessity of ordering an additional

and cached at depots fifteen miles apart. Camel and horse transport were unavailable, a gallon of gasoline or "petrol" (retailing in Broome for about sixty-five cents per gallon) sufficed for an average distance of only about five miles. Water was also transported from wells (of which the most remote is forty miles from the coast), from rock-holes and clay-pans; and a gallon of water, fully as valuable in the desert as gasoline, lasted an average of only about three miles, including that consumed by engine, men and dogs.

Although the season was winter, the temperature frequently stood at over 100 degrees Fahrenheit during the mid-day hours.

The natives did not attack, although it was necessary to beware of them; and a watch was posted each night when travelling south of the escarpment. As an example of the natural tendencies of the blacks, some of the half-civilized ones, employed by white men as guides, have been known to remark to their employers, "Do not walk

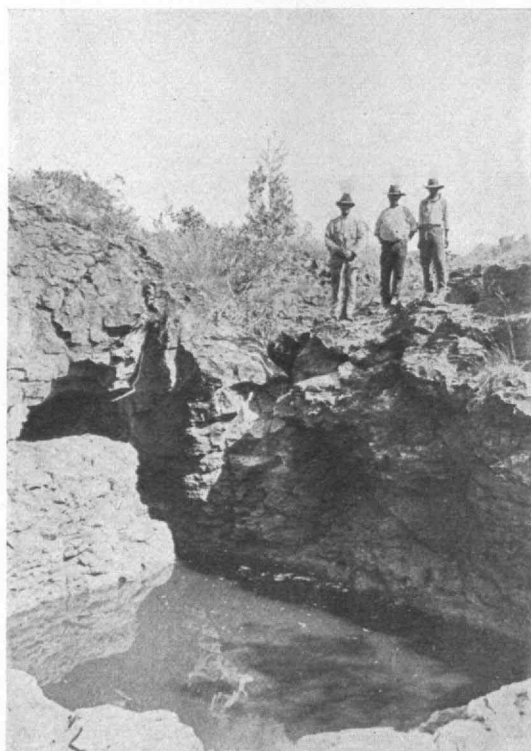


THE BRAVE

More of the same lacking the railway and most of the clothing

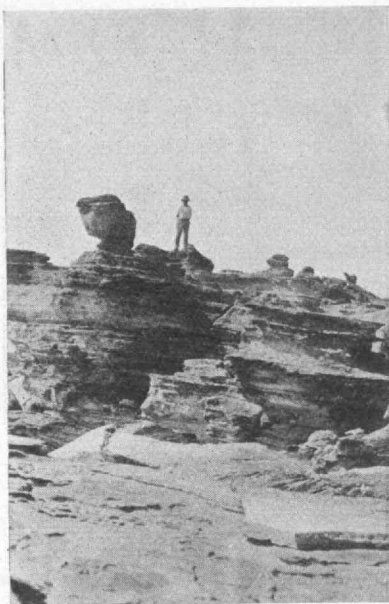
in front of me, for I might be tempted to kill you." Our own guides attempted nothing hostile, but one by one they escaped from the camp to join their friends. Natives approached from time to time to beg for bread, flour, condensed milk or tobacco. Condensed milk is their great temptation, as are gum drops for the Esquimaux, according to some explorers; and camps have been besieged by natives to obtain condensed milk; but my party only carried evaporated milk, and was not bothered. After a party of native blacks had camped nearby for several days, they all seized their belongings and fled to the desert on the discharge of a rifle — the first gun-shot they had ever heard.

When the tractors later advanced from the escarpment into the desert, we found a solitary village of native huts, from whence all persons had fled except women and children,



WATER HOLE

On the edge of the west Australian desert



GEOLOGICAL

Another "wave cut" near Broome

we never saw any blacks again in that region.

Kangaroos were found by the thousand between Broome and the escarpment, some wild cattle were seen on its crest and near its edge, emus were occasionally met. Snakes were apparently plentiful but seldom seen, cockatoos, turkeys and native companions were found in plenty. South of the escarpment all was changed, for no life was apparent except innumerable pestiferous flies. So numerous were they that for months the members of the party were obliged to protect their faces by goggles and fly veils throughout the daylight hours, and only sunset gave relief.

Thus, proceeding southeast, the vast thicket of "pindan" was passed and more open country was reached; then came a vast complex of parallel sand-

and this part of the desert was rapidly abandoned by all blacks. Perhaps the two broad caterpillar tracks in the sand, extending indefinitely toward the southeast, and the humming of the machine, proceeding at a speed of several miles per hour with its cargo of men and provisions, awoke in the minds of the ignorant aborigines the belief that some unknown species of wild animal was invading their domain. At any rate,



THE LIGHT FANTASTIC

Australian analog of the Charleston

others were negotiated with difficulty in ultra-low gear. Some required several attempts, and others could be crossed only by turning about and backing over in reverse gear. We found no water south of the escarpment. Camps were established every few miles and the machines returned north frequently for supplies of water, gas and provisions. Thus we gradually moved the base camp nearer to the center of the desert.

Conditions, however, were against us. The aluminum portions of the machine broke frequently, as did certain torque rods, owing to the intense strain on rather cheap materials; the front wheels came off and were replaced with difficulty, tires were punctured every few miles and had to be repaired on the spot, pumps and jacks gave out under intensive use; while the fine quartz desert sand sifted continually into the poorly protected ball-bearings, wearing them out and rendering the machines useless. New bearings were sent from Perth by airplane, and were in turn used to final destruction. The \$2500 tractors proved entirely unsuitable for crossing a desert of this type.

Added to the difficulties was that due to caterpillar bands, each of which costs \$250 in Australia. Instead of substantiating the dealer's claim of 6000 miles' travel on each set of bands, they actually made only about one-tenth of that distance; the rubber punctured and the surface scaled off bit by bit until the bands snapped in two. Unlike a pneumatic tire, a band cannot be repaired and a tractor is useless without two bands in good condition.

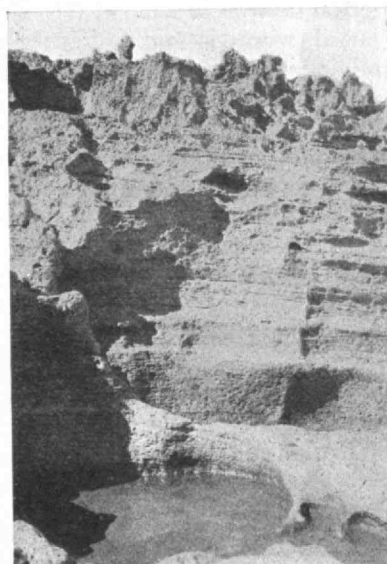
The inevitable day approached for retreat to the coast. The machines were in bad condition, although the mechanics had worked on them continuously for days. The bearings were worn



RESCUED AND RESCUERS

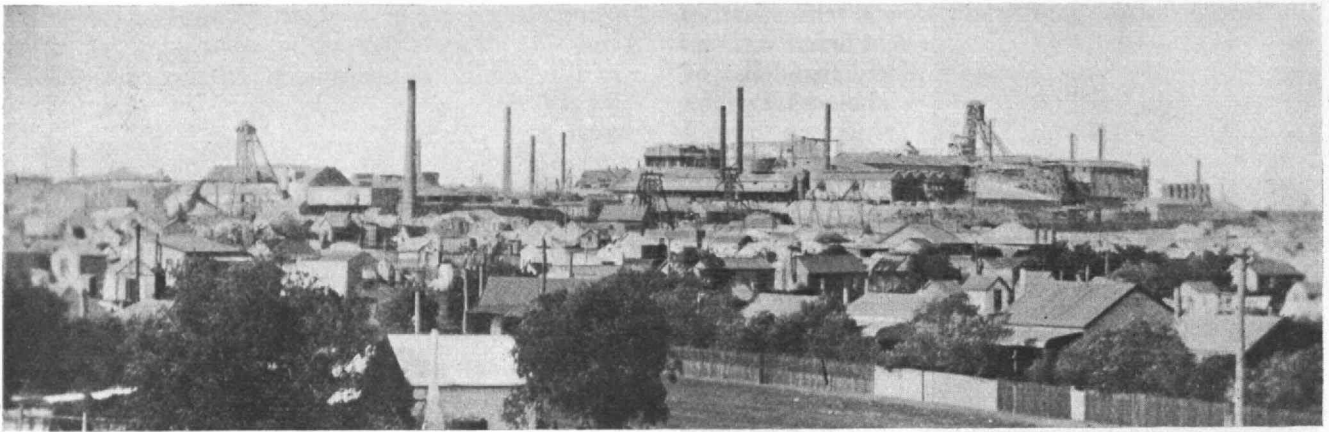
Dr. Clapp's party walked many miles for these camels when the tractors broke down

ridges extending hundreds of miles into the unknown desert. They consisted of bare sand, interrupted at intervals of a few feet or rods by bushes or clumps of thick spiny grass known as "spinifex" peculiar to that country, which largely takes the place of our American cacti. Some of the ridges were crossed easily by the machines,



GEOLOGICAL

Rock erosion near Broome



MINES ON "THE GOLDEN MILE"

Such a view one might obtain perhaps from a Pullman car window en route from New Mexico. This photograph happens, however, to be near Kalgoorlie, Australia

to the breaking point. There were no more caterpillar bands in Australia. We had penetrated 185 miles from the coast, reaching the center of an unexplored area 130 miles in diameter, in the second largest unexplored area in the State; had obtained valuable collections and notes; had *not* reached our objective, yet had learned what was necessary from the business point of view. The order for the return to the coast was reluctantly given. One machine was left on the escarpment without means of traction, while men, dogs and the other two cars and technical equipment reached Broome in safety.

On return to Perth I was able to report that, if a treeless, uninhabited, barren, sandy, waterless and almost impenetrable waste of country constitutes a desert, I had seen it in Western Australia, and that plenty of this sort of country exists in the far interior. I do not claim that it will never be inhabited; but it is uninhabitable now for white men.

Yet, no Australian need be ashamed to admit the existence of his desert; for, less populous than the Sahara, the Australian desert dominates the country. The people really owe a debt of gratitude to the desert, for on its fringes some of the finest wool in the world is raised, wheat is said to have a quality of its own, the mining industry has flourished; and, in time, when stock routes have been surveyed and watered with wells along them at frequent distances, much of the desert will sustain additional multitudes of cattle and sheep.

It was now a year since I had left home. I longed to get back to my family — but not so soon was I to escape the keen business vision of these clients. It was necessary to re-visit New Zealand and in that country I landed on December 4, 1924. Having already visited Auckland, Wellington and New Plymouth in January, I returned now to the last mentioned city. Taranaki Oil Fields Limited was about to start two wells, and much professional work lay before me.

Taranaki Provincial District, situated in the western

part of North Island, is one of the garden spots of the earth. The western portion is a fine dairy district, traversed by good roads. In the center stands Mt. Egmont — one of the most symmetrical peaks known — which rises 8260 feet above the sea, perpetually crowned by snow. The province is typically English, the temperature moderate the year round, the climate moist, yet with a fair proportion of clear days. The soil is excellent, the cattle fat, the people contented, prosperous and hospitable; and here a globe-trotting American could settle and enjoy his declining years unhampered by maddening business strife, stock market fluctuations or the high cost of living. He would find this district one of contentment, with New Plymouth all that its name indicates in freedom, happiness, lawfulness and culture. Its people are some of the finest stock in the world. Not so impulsive or immediately receptive to strangers or new ideas as are Australians, New Zealanders become fast friends when the traits of their new acquaintances are understood.

If there is any lesson to be drawn from these foreign experiences, it is that Britishers of all dominions are, in common with Americans, of one language and largely of one race, and are practically a unit in their ideals and aims. Any difficulties we may have with them are small in comparison with the grave troubles that sunder other international relations. The Britishers are a unit in having one quality that we have not: that freedom from business worries which permits the full enjoyment of life and its legitimate pleasures. We have much to learn from the British and they have much to learn from us. With common aims, the United States and British countries can go forward hand in hand to work their will for the good of the world. We are better understood by British peoples for having sent a fleet to visit them on the other side of the world; and no formal alliance should be necessary in order that we may stand with them side by side in the hour of need of either nation.



The ARCHITECTURAL BULLETIN

PUBLISHED FOR THE SOCIETY OF TECHNOLOGY ARCHITECTS

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The Department Begins Another Year

THE beginning of a new academic year brings with it few changes in personnel or policy in The Department of Architecture. All of the familiar professors and instructors are once more in their positions. Professor Jacques Carlu has, it is true, changed his place of residence to New York City but this will not have any effect on the amount of time he will devote to instruction at the Institute. As a matter of fact he will give rather more hours in class this year than last.

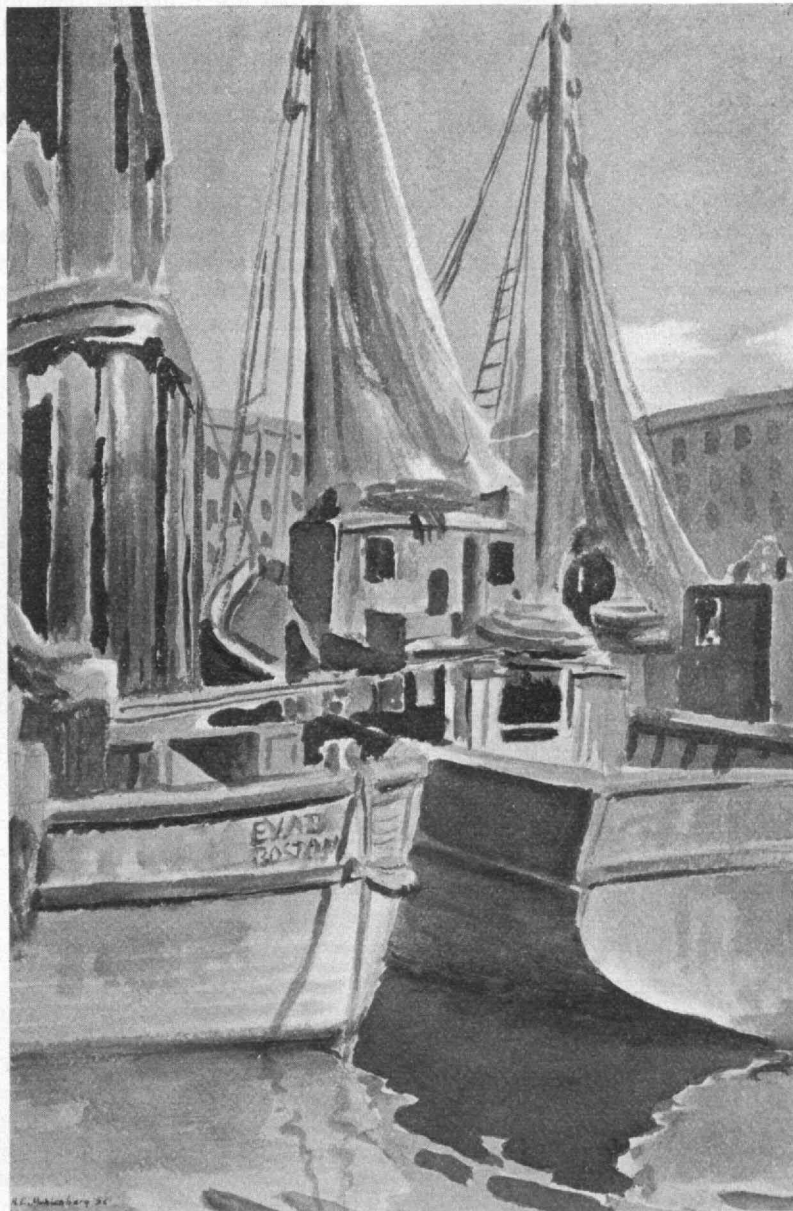
The course in Town Planning has been expanded in the direction indicated in these columns last spring. Frank J. Robinson, '08, offers a new course in Water Color. Herbert L. Beckwith, '25, occupies the position of instructor in Descriptive Geometry and Design formerly held by Albert H. Schweizer, '23, who is travelling in Europe this season. William Cash, '24, has returned from his studies abroad and as an Instructor in Architecture, shares the duties of upper-grade criticism with Professor Carlu.

Co-incident with a considerable decline in the

registration of the entire Institute, the Department of Architecture again shows an increased enrollment. The official figures as published in The Review for November showed an increase in this department of 35, a gain of 16.2 per cent. Since then 7 more men have registered bringing the total gain in numbers to 42 or in per cent to 19.4.

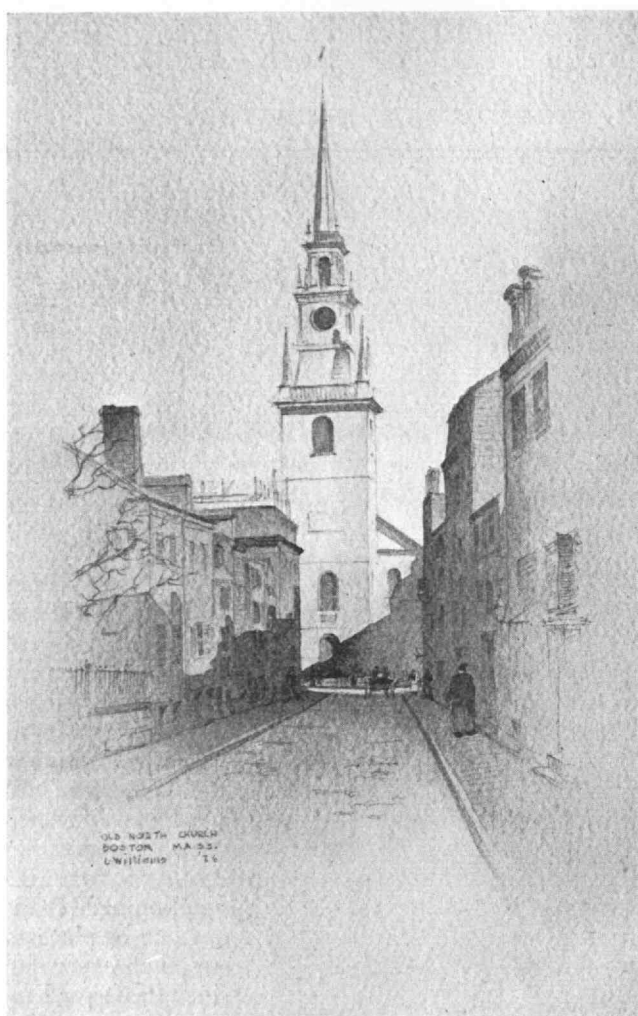
This gain of nearly twenty per cent while there has been a decrease of nearly five per cent in the total registration of the Institute is but another instance of the efficient way in which the Department of Architecture is functioning. It is not out of place to say that every fall since Professor Emerson has occupied the chair as Head, the Department has witnessed an increase. The total registration now stands at 260.

Despite the general trend of progression along the lines previously mapped out there has been made one quite radical alteration in policy, one which it seems will be of good effect. This has to do with the new ruling concerning the award of the travelling fellowship. The following is a letter to former students who might be contemplating entrance in the fellowship competition this next spring:



HOME FROM THE SEA

A color of the Boston water-front done by Henry E. Mublenberg, '27, one of the collection that won for him a first prize given by the Department of Architecture for summer sketches



OLD NORTH CHURCH

A line and wash drawing done by L. Williams, '27. In the fleche of this church was given the "one-if-by-land-and-two-if-by-sea" signals to Paul Revere

"The Committee in charge of the Travelling Fellowship in the Department of Architecture has recognized during the past years that a decreasing percentage of those who were eligible ever return to compete for this Fellowship after leaving the Rogers Building. In consequence of this fact and because of a conviction that a better basis for judgment of individual merit could be secured than our ten-day competition has offered and also because the Department suffered last year through the absence of some of its best students who were competing for the Paris Prize, the following decision has been reached.

"Hereafter the award of the Traveling Fellowship shall be made on the basis of the best work done in Fifth-Year Design throughout the academic year, this work to include both long projects and sketch problems, the Committee reserving the right to refuse recognition to a student otherwise qualified in case his record should be conspicuously deficient in some other field.

"We believe that this step is for the best interests of the students as well as of the Department. It ensures to each individual a much longer period during which his efforts may be applied, gives him a corre-

spondingly wider opportunity to show the range of his abilities and does not focus undue attention, as hitherto, on the last weeks of the most important year in his college life when his time is already preoccupied with passing other subjects.

"From the Department's standpoint it obviates the unavoidable confusion of dates resulting from the holding of the Paris Prize Competition at the same time with the last work of the academic year, which would deprive the Department of the best efforts of our most promising students for our own Fellowship.

"We are making this announcement early in the year in order that those who might otherwise consider offering themselves as competitors may be duly advised of this change, and in the hope that we may have their unprejudiced approval of this decision. In other respects the regulations covering the Fellowship will remain unchanged."

Like all much needed reforms this one may work a temporary injustice, falling probably most heavily on two or three individuals of recent classes. What the announcement tactfully did not say was that it is very near to the miraculous when a student away from the Department influence can return and win a competition from those who have been absorbing criticism as their major food for the whole year.

It may be interesting to review the history of the competition in view of the new ruling. Originally the problem was from three to six weeks long entirely under criticism. As time went on the period for completing the Fellowship grew shorter and shorter until recently it has been ten days *en loge*. Anyone who has even sat at the fringes of one of these hectic *charettes* can not look with regret on the fact that they are gone forever. It frequently seemed that he of the longest breath and strongest neck muscles was best able to cope with the difficulties involved.

Easy memory may multiply cases of able competitors removed from the one important competition by force of illness or family trouble, of men able in architecture but pronouncedly deficient in arithmetic sailing proudly abroad, of, in one or two cases at least, a student with a brilliant inspiration winning by this one stroke an honor coveted by men who on the basis of consistent ability must have ranked far above him.

Certainly from any angle one may wish to view the regulation, it is inevitably bound to send to Europe in the future men of calibre that will surpass even those who have gone before. This makes for progress.

The Goodhue Collection

A most important accession to the galleries of the Department is announced by Professor Emerson in this issue of the Bulletin. This consists of a large number of the original drawings by the late Bertram Grosvenor Goodhue. Under an agreement made by Mrs. Goodhue and Professor Emerson, Mrs. Goodhue will leave with the Department much of her husband's original work. The Department is to act as the trustee or guardian of these drawings. As many as possible will be framed and placed on public exhibition in the Rogers Building. Others which may not be available for such a pur-

pose will be arranged so that they may be accessible to the student body and such members of the profession as would naturally have an interest in seeing them.

The significance of this accession can probably not be over-estimated. It is more than an addition to the large collection of fine drawings which is gradually making the Department unique in this regard. Exhibitions of work of distinction are certainly one of the most effective ways of aiding the teaching in a school of architecture and the generosity of Mrs. Goodhue has placed a most exceptional opportunity in the way of the Department.

It is to be hoped that other well-known and able architects will see the advantages of this scheme from the point of view of posterity and that time will find a large and representative group of drawings joined to those of the master whose work starts the collection.

Department News

Two exhibitions of interest have been held in the Rogers Building up to the time this issue of *The Bulletin* goes to press. The first, an exhibition of the Paris Prize drawings, has been probably sufficiently commented upon in the architectural press. It need only be said here that the drawings submitted by Donald S. Nelson, '26, were placed second in the competition.

The other exhibition was more local in its scope, consisting of the drawings in the summer sketching

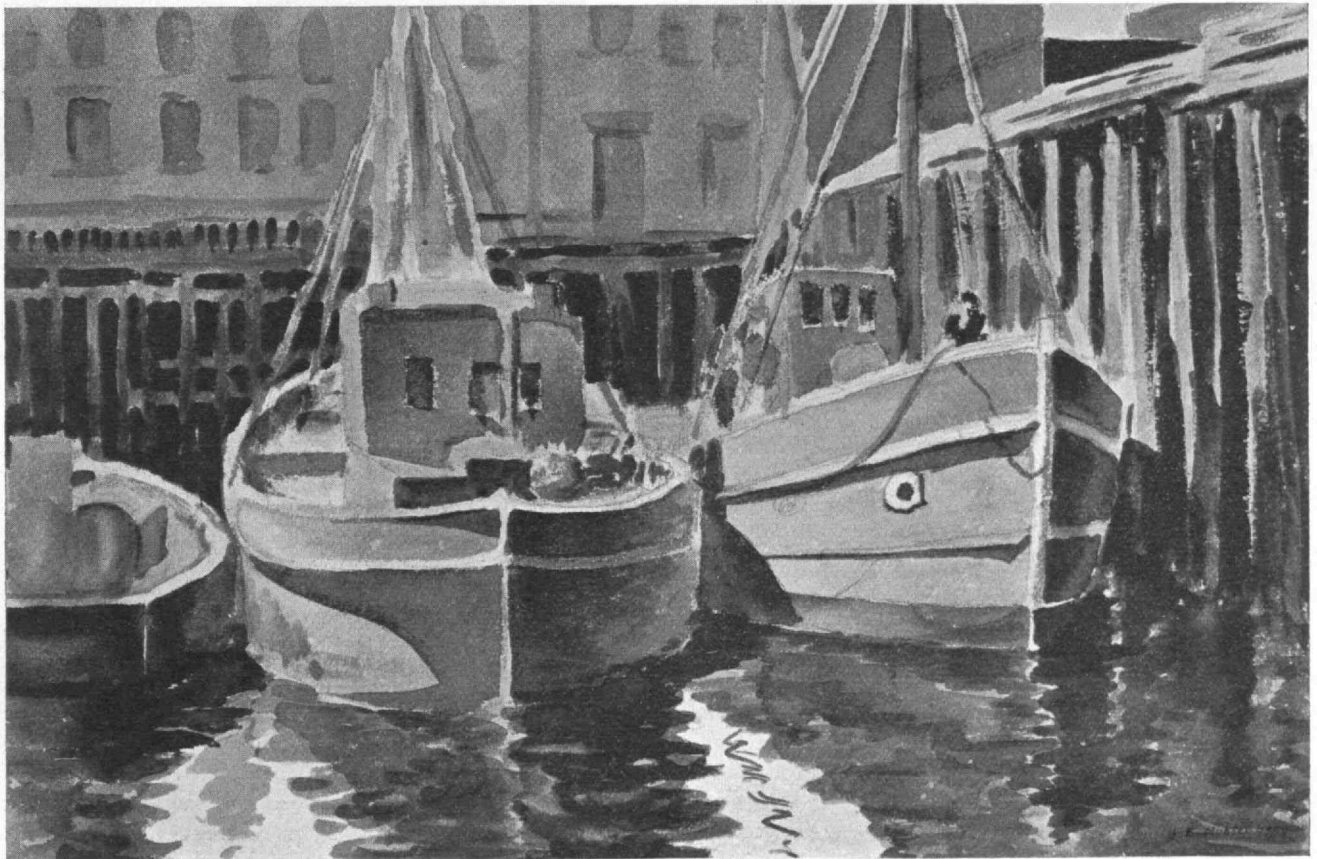
competition. The first prize in sketching was won by Ira D. Beals, '27, and the first prize in water color by Henry E. Muhlenberg, '27. Specimens of the winning work of both Mr. Beals and Mr. Muhlenberg are reproduced in this issue.

The Special Student Scholarships for the coming year were awarded last June to Joe B. Wertz, '27, and Thomas H. Dreihls, '27. The problem was a College Swimming Pool and there were twenty-one competitors.

Wertz was a draftsman in the office of Bertram G. Goodhue Associates in New York and comes to the Department with nearly four years office experience behind him. Dreihls entered the Department last year as a special student after three years in the office of Charles F. Cellarius, '16, in Cincinnati.

The general quality of the work was of an exceptionally high order according to the jury.

Professor Emerson is as busy as usual. On November 14 he gave a lecture at the Metropolitan Museum of Art in New York City on "Greek Architecture," and another of the matters that occupy him now is the preparation of a paper for *The Architectural Forum*. This article, which will probably appear in the December issue, is about "Bridges as Memorials." There is no need to explain that Professor Emerson's special command of the field of bridges has been unquestioned since the publication of his book on "Old Bridges of France."



SEA CHANGE

Isobromatic reproduction unfortunately reduced to black and white the polychromatic brilliance of this, another prize winning water color by Henry E. Muhlenberg, '27

In accordance with the plan announced last year in The Bulletin three men from the fifth year are each year awarded a scholarship to take certain problems in design as a sort of post post-graduate course. These men have a certain number of required problems to take and will gain by the criticism offered. They further are expected to have a good influence by virtue of their ability and experience on the new fifth year men. The men selected for this, the first year of the experiment are Samuel Glaser, '25; Noel L. Flint, '27; and Walter E. Campbell, '26.

There are a number of gifts to the Department to be recorded in this issue of The Bulletin. From the Class of 1926 comes a gift of \$50.00 to be used at the discretion of the Department in purchase of a permanent gift. This donation was announced at the spring dinner of The Society and was recorded in the Bulletin at that time.

From James Knox Taylor, '79, comes an attractive addition to the present collection of sculpture in the shape of a marble bust of the Venus de Milo.

From Richard E. Schmidt, '87, there is a gift to the Library, a book on Children's Hospitals, of which Mr. Schmidt is the author as well as the donor.

Richard H. Hunt, '82, donates to the swelling collection of attractive drawings four originals made by his father, Richard M. Hunt.

Announcement has recently been made that the two sets of books which were donated by Francis H. Bacon, '77, sometime last year for departmental prizes, will be awarded at the end of this year in two different competitions. The four volumes will be given as follows:

Two volumes of "Monographie du Palais de Fontainebleau" by R. Pfnor as a second prize in the Travelling Fellowship Competition.

Two volumes of "Architecture of the Renaissance in England" by J. A. Gotch, will be awarded for the best Thesis Problem.

Alumni News

Announcement has been made by Charles Scribner's Sons of the appointment of Henry H. Saylor, '02, to the editorship of *Architecture*. Trained for the profession of architecture at Technology under the great and beloved Professor Despradelle, Saylor had his drafting apprenticeship in Philadelphia with Walter Cope, of Cope and Stewardson, and with Edgar V. Seeler, '90.

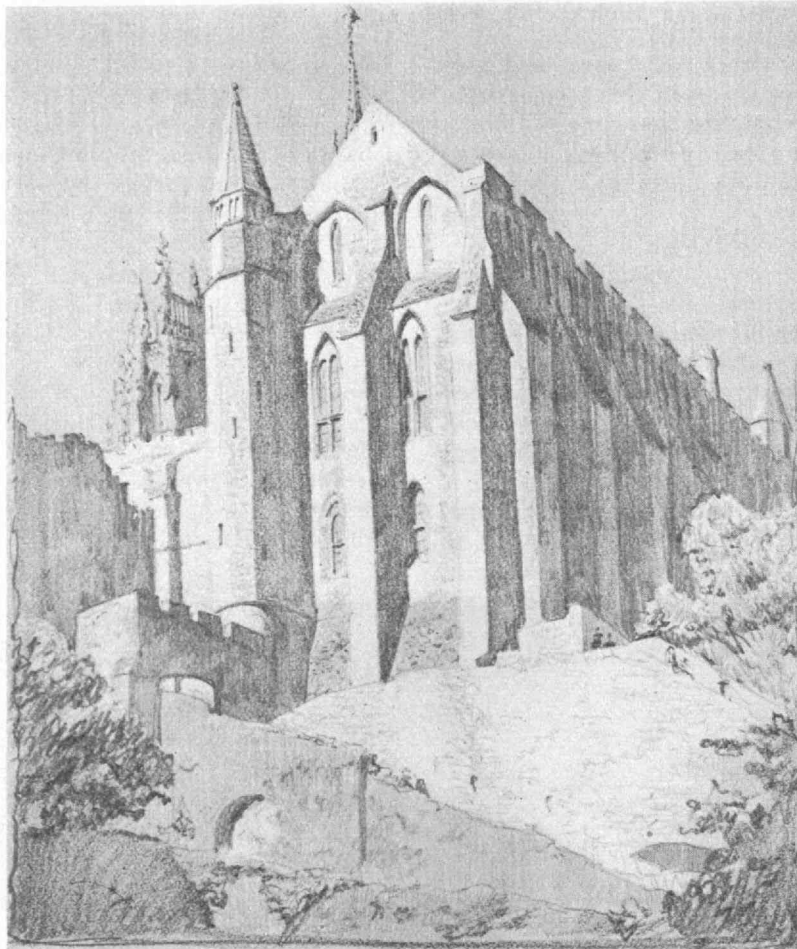
He practised intermittently on his own account after that, but soon found himself turning toward the journalistic side of architectural work. He became editor of the *Architectural Review* and later of *House and Garden* and *Country Life*. He also found time to write a number of books upon various phases of domestic architecture and this comprehensive experience with both profession and public equip him admirably for the editorship of *Architecture*. Mr. Saylor takes over the magazine with the current issue.

In the recent death of Walter Channing Hunting, '83, at his home in New York the art of architecture lost one of its most eloquent exponents. He was a partner

in the firm of H. J. Hardenbergh for a great many years.

Among the big hotels in the erection of which Mr. Hunting participated as an architect are the Waldorf-Astoria and the Martinique in New York, the Copley Plaza in Boston. The Palmer Stadium at Princeton was also the work of his firm.

With regret the secretary must record the untimely death of Henry G. Perra, '24, reserve lieutenant in the United States Army who on his return from the Boston Air Port to Long Island encountered a heavy fog and fell to his death in the waters of Long Island Sound. Perra was born near Boston and had flown from the training camp to Boston to see his parents. He was employed in the office of York and Sawyer in New York as an engineer.



MONT ST. MICHEL

Summer sketch of one of France's most famous cathedrals: the product of Ira D. Beals, '27, successfully submitted in the summer sketching competition

Undergraduate Affairs

The Outbreak

A SOBER and more accurate story of the student outbreak which occurred on the eve of Field Day gradually emerges from the sensationalism and natural exaggeration which first surrounded it. The facts have been revealed slowly by participants, eye-witnesses and Senior Marshals.

The sophomores on Thursday night, November 4, were holding a rally in the Hangar Gymnasium to the rear of Building Eight. The freshman class, as they have often done in years past set out to attack, and break up this gathering. In this they were markedly successful this year. They laid siege to the gymnasium, rushed its doors, led off their attack with tear gas bombs, paint buckets and garbage, and quickly routed the second year men. Tear gas made the inside of the building uninhabitable so the combat changed setting to contiguous territory within the bounds of the Institute grounds. One severe skirmish occurred on a large loam pile near the board running track and north of the hangar.

Class antagonism soon spent itself and gave way to a common impulse of both classes to join forces in a parade. The group snake-danced its way to Harvard Square. While at the Square, the crowd, acting under an impetus to give Technology cheers, made a forced entrance into the University Theatre lobby, disregarding the admonition of the manager and the opposition of the ushers. The police arrested one student at Harvard Square.

Next the subway entrance was stormed, and the men boarded, but did not commandeer as erroneously stated, the train. In the course of the trip to Park Street Station advertising cards were torn down, and at least one window broken. The train was not wrecked, and the

extent of the Elevated damages was officially estimated the next day by Edward Dana, General Manager of the Boston Elevated Railway as \$28.60. Emerging to the surface at Park Street the crowd proceeded via Tremont and Boylston Streets to Rogers Building. There cheers were given on the steps.

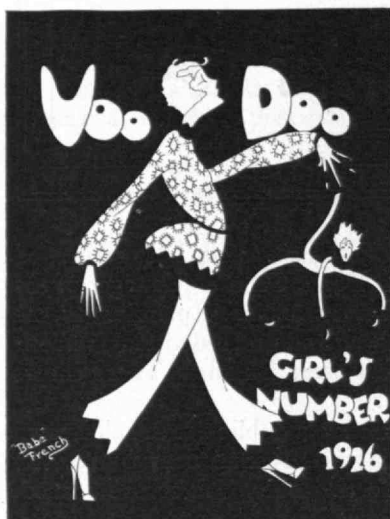
The gang next proceeded to a public dance hall known as The Tent on Huntington Avenue near Symphony Hall and crowded inside the lobby. A scuffle ensued, resulting in some damage. Then the students headed back toward Cambridge and were met by some Boston police officers on Massachusetts Avenue near Loew's State Theatre. These officers followed the parade to Cambridge where three arrests were made. During the course of the parade several automobilists and pedestrians were interfered with. Once back in Cambridge, the two classes dispersed. Subsequently, another student, who accompanied the three arrested in Cambridge to the police station, was also taken into custody.

On Friday practically all the morning papers carried the story with scare headlines, and the press associations spread it over the country. Anticipating another demonstration after the Field Day contests, Dean Henry P. Talbot, '85, and James A. Lyles, '27, Chairman of the Institute Committee, issued a printed request, asking all men to refrain from a parade and to remain on Institute territory. Dean Talbot, Professor Samuel C. Prescott, '94, Vice President of the Alumni Association, and Mr. Lyles held a joint conference with all Marshals to discuss measures for Friday afternoon. No parade occurred, but under the leadership of a few juniors several were attempted and frustrated by Senior Marshals. The coincidence that the result of Field Day was waiting on the crew race, postponed from first place in the program because of rough water, probably helped in preventing trouble. The Freshmen snake-danced on Tech Field.



RIVALRY RIGHTLY EXPRESSED

The freshman-sophomore football game Field Day which resulted in a tie. The photographer caught a punt in mid-air



PHOSPHOROUS IN STRIKING COAT

The second Voo Doo of the year, thus arrayed fittingly as a girls' number. In spirit, mode, and color, this cover was a big water mark. The comic follows the fashions in humorous magazines with their many special numbers.

investigation consisting of John H. Field, '27, Chairman; James A. Lyles, '27; Raymond F. Hibbert, '27; Lee McCanne, '27; Robert M. Bigelow, '27; John B. Drisko, '27; Edward D. True, '27; and John W. Crawford, '27, and voted to recommend to the Corporation that the two lower classes be assessed pro rata to cover all damages. The student investigators in several all-day sessions examined witnesses and collected evidence. As The Review goes to press they are submitting a report to Institute officials, giving names of the men involved.

The work of this student committee has been remarkably complete and well-handled but this was to be expected as by legislation, by investigation, by being on its toes the Institute Committee this year has been functioning notably in student affairs. Inefficient student representatives have come under its scrutiny and suffered its public condemnation. Student finances, the Junior Prom Committee, The Technology Christian Association budget, have opened to its inspection. Observers all agree that it is a régime of the highest order, a credit to the Institute.

During the course of the Field Day program there was considerable disturbance in the stands and on the outskirts of Tech Field, tear gas being used. The athletic contests were run off in a thoroughly straightforward and sportsmanlike manner.

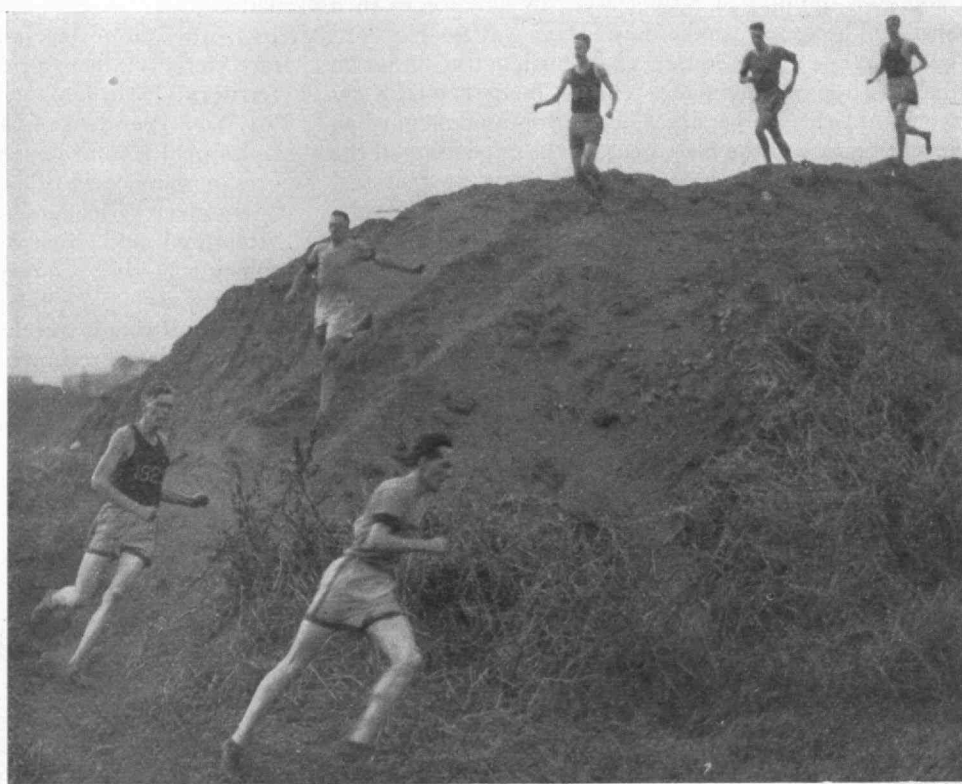
The following Monday afternoon the Class Presidents issued through the public press an apology to the people of Boston and Cambridge. On the next Thursday the Institute Committee appointed a board of

Sophomores Win

The better side of Field Day must also be told. In the athletic contests the sophomores obtained $8\frac{1}{2}$ points to the $4\frac{1}{2}$ of the freshmen. The freshmen won the tug-of-war with ease, lost a hard fought relay race, outplayed the sophomores in the football game only to have it end a tie. Thus at the end of the field events, the contestants stood nearly even in points accumulated. The crew race, postponed from early afternoon to twilight because of rough water, was the deciding factor. This race and Field Day victory went to the sophomores by a scant quarter-length. The entire afternoon was one of nip and tuck battles. Many years have passed since a freshman class has come so close to victory or exhibited such excellent material.

On the following Saturday night 100 members of the Field Day teams buried the hatchet with a banquet in North Hall of Walker Memorial. Dr. John A. Rockwell, '96, Chairman of the Advisory Council on Athletics, was master of ceremonies; Dr. Allan W. Rowe, '01, said: "Up to yesterday you were respectively two rival classes, '29 and '30, but now you are a part of a great undergraduate group compared with which loyalty to your class is of secondary importance. Classes come and classes go but Technology is and always will be the greater thing"; and Dean Talbot praised the Field Day itself as "one of the keenest and cleanest which I have ever seen."

Present at this banquet was Dr. Howard J. Savage



Courtesy of The Tech

OVER HILL AND DALE

The cross country track team, in practice, negotiating a rough bit of country to be found west of Massachusetts Avenue, the property of the Institute. In the lead is Harold W. Akerley, '27, followed by Norman L. McClintock, '29, Charles De Fazio, '28, Clarence E. Wortben, Jr., '29, Peter H. Kirwin, '28, and Walter S. Bennett, '29

representing the Carnegie Foundation in an investigation of college sports. He commended the Institute's athletic policies.

Stewards Meet

To the annual meeting of the American Rowing Association in October went Allan Winter Rowe, '01, Secretary of the Advisory Council on Athletics, and Donald E. Perry, '28, manager of crew, there to settle with other members the 1927 rowing schedules of American college eights. They came back with a varsity schedule for Technology which includes Harvard and Pennsylvania on the Charles, Navy at Annapolis, and Cornell at Ithaca. Included in the junior varsity schedule are Harvard and Pennsylvania on the Charles, Navy at Annapolis and Yale at Derby.

The crew schedule to date is, therefore, as follows:

Varsity — April 23, Navy at Annapolis; May 14, Cornell at Ithaca; May 21, Harvard and Pennsylvania at Cambridge.

Junior varsity — April 23, Navy at Annapolis; May 21, Harvard and Pennsylvania at Cambridge.

150-lb. crew — April 30, Harvard at Cambridge; May 7, Princeton at Cambridge; May 14, Yale at Derby.

Freshmen—May 14, Cornell and Navy (tentatively) at Ithaca; May 21, Harvard and Pennsylvania at Cambridge.

Cast and Forecast

A melodrama of kidnapping, romance and the Life Force is the new Tech Show lately come to light. "West is East", for that is the title selected by the judges, came from the pens of Philip K. Bates, '25, and G. Elberne Hopkins, '26.

Curtiss S. McCune, '29, filling the leading male part of "Buck Armstrong," heads the cast. The leading female part, always the director's great problem, is not selected as yet.

McCune is a native of East Stroudsburg, Penna., and is a sophomore in the Electrochemical Engineering Course. Others in the cast are Sherman M. Goble, Jr., '30, as "Harry Price," Rand B. Jones, '28, as "Peg Pomeroy," John H. Booth, Jr., '29, as "Scraps," Howard S. Root, '28, as "Señor Gonzales," Richard B. Goble, '28, as "Mr. Draper," Victor J. Martin, '30, as

"Mrs. Newcomb," Norman F. O'Shea, '30, as "Mr. Livingston," and James M. White, '28, as "Sam."

Carl Scranton, assistant coach in the 1924 production of "Hidden Idols," is this year director of the Show. He brings with him much experience and a successful record. Charles Young is again music director.

FRATERNITY STANDINGS

The fraternities are arranged in the order of their relative scholastic standing over the period from June 1921 to June 1926. Figures following in parentheses indicate standing during second term, 1926.

- 1 Tau Delta Phi (1)
- 2 Sigma Alpha Mu (6)
- 3 Psi Delta (4)
- 4 Sigma Omega Psi (10)
- 5 Phi Beta Delta (5)
- 6 Delta Psi (24)
- 7 Alpha Mu Sigma (7)
- 8 Zeta Beta Tau (30)
- 9 Sigma Chi (14)
- 10 Theta Chi (9)
- 11 Sigma Alpha Epsilon (18)
- 12 Tau Epsilon Phi (2)
- 13 Phi Sigma Delta (3)
- 14 Sigma Nu (15)
- 15 Phi Kappa Sigma (20)
- 16 Phi Gamma Delta (12)
- 17 Kappa Eta Kappa (11)
- 18 Lambda Chi Alpha (8)
- 19 Delta Kappa Epsilon (27)
- 20 Phi Beta Epsilon (17)
- 21 Chi Phi (31)
- 22 Delta Upsilon (21)
- 23 Alpha Tau Omega (26)
- 24 Beta Theta Pi (28)
- 25 Kappa Sigma (29)
- 26 Theta Delta Chi (22)
- 27 Delta Tau Delta (25)
- 28 Phi Kappa (16)
- 29 Phi Sigma Kappa (13)
- 30 Phi Mu Delta (19)
- 31 Theta Xi (23)
- 32 Phi Lambda Alpha (32)

Again the Song Contest

The Prize Song Competition for this year has been, in time limit, extended until January 1 in an effort to obtain more entries, especially from alumni. It will be remembered that in 1921, the Alumni Council, the Musical Clubs, Tech Show, and *The Tech* agreed to contribute funds for a yearly prize of \$200 to be awarded for the best song, in the opinion of appointed judges, submitted by undergraduate, instructor or alumnus.

To date three contests have been held, the first won by Arthur E. Hatch, '91, the second by Professor George E. Russell, '00, and the last by Professor Leonard M. Passano. An effort was made to substitute Professor Passano's "The Courts of M. I. T." for the Stein Song but the students by referendum objected.

So the call goes out again for a new Alma Mater song, enticingly tagged with the \$200 prize offer. It is appropriate to recall editorial comment in the November, 1923, Review: "... they [the submitted prize songs] do not possess (for the very reason that they were written in deliberation) the genuinely inspired quality of the Stein Song. . . . But we can at least suggest that there is good reason why the Massachusetts Institute of Technology for all its history has never had

an Alma Mater song which included the mention of its own name. Consider the designations under which we go. First there is the full official title, at which W. S. Gilbert himself would be aghast to fit into any metrical form. Then there is 'M. I. T.', 'Technology', the 'Institute', the 'Stute'. We defy any poet (the defiance includes the shade of Algernon Charles Swinburne) to fit one of these titles into a stanza and preserve still the illusion of poetry. . . . It is this capital difficulty against which our laureates are working. We are willing to wish them success, but occasionally we wonder why they need bother at all." But the contests do add to the now small collection of Technology songs.

News from the Alumni Clubs

Technology Club of Mexico City

The meeting of the Technology Club of Mexico City, held the early part of the summer, was attended by sixteen members. Dr. M. S. Vallarta, our Alumni Council representative, gave us a most interesting resumé of progress and activity at the Institute during the last year. It was all most interestingly received and the cheers were loud and long when he told of the splendid work of the crew. Dr. Vallarta also told us of Mr. Desmond's plan for a Technology Center in New York. The Club unanimously voted to endorse this plan. The desire was expressed to assist in this plan in whatever way possible at the proper time. A scholarship plan was also discussed at this meeting.

Our second and annual meeting was held on September 3. This meeting was attended by about eighteen men. A few new faces appeared including Y. S. Bonnillas, '08, prominent in the *Cia Minera de Peñoles* of the American Metals Company. One of our members met John Poole, '22, on the street the day of our meeting and dragged him along. Mr. Poole, having graduated in civil engineering, is now chief chemist for the Pierce Oil Company, and is located in Tampico. At this meeting the scholarship plan was discussed further. It was decided to put out a directory of our members.

W. R. SCOTT, '22, *Secretary*,
Cia Mexicana de Explosivos Edificio High Life, Mexico, D. F., Mexico.

The Technology Club of Cincinnati

During the summer months The Technology Club of Cincinnati has not failed to maintain its Tuesday luncheons at the Hotel Harlin and with the vacation season behind us, a full score may be seen around our long table.

The present semester at Technology marks a milestone in the history of the Club as it witnesses the first application of our scholarship fund. Frank C. Falinestock, a graduate of Walnut Hill High School of this city, has been chosen by the fund committee to be the first appointee. He proposed to pursue the course in chemical engineering.

The bachelors among those who graduated more than a decade ago are rapidly disappearing via the inevitable route. Mr. E. H. Kruckemeyer, '11, left the primrose path this summer, while his partner, Richard Strong, '11, has all his tickets bought to make the same trip this winter.

The month of October marked the loss to the Club of its oldest member, James B. Stanwood, '75. He was for years at the head of the Cincinnati Technical School, was widely known as a consulting mechanical engineer and was a member of the American Institute of Electrical Engineers. In his later years he developed the Stanwood boiler and at the time of his death was Vice-President of the Stanwood Corporation. He displayed a keen interest in Technology affairs and was present at all activities of the Technology Club of Cincinnati.

W. V. SCHMIEDEKE, '12, *Secretary*,
81 Lumley Ave., Fort Thomas, Ky.

Technology Club of New York

October marked the initial appearance of *The Beaver*, a paper devoted to the interests of the Technology Club of New York. It is the hope of the Committee responsible for its publication that *The Beaver* will acceptably fulfill the oft expressed desire of many of the members for some definite and periodical broadcast of news concerning the Club, together with gossip and interesting information about the members.

The first issue was enthusiastically received. One of the most interesting sections, as well as the one which drew forth the greatest comment, was The Beaver Dam which contained items of personal interest about the various members. It is the intention of the Committee to publish the paper monthly and it is hoped that eventually a large majority of the club members will become contributors to its columns.

Marion Dimmock, '22, the presiding chairman of the entertain-

ment committee, has been hard at work making arrangements for the winter festivities, and has announced that the Halloween Party to be held on October 30 is to be the best ever.

On October 25, Lester D. Gardner, '98, publisher of *Aviation*, told at a smoker some of his experiences during the past Summer when he flew over 21,000 miles on the continent.

"Major Gardner" says *The Beaver*, "reports excellent road conditions except over Germany, where the airways were cluttered with schnitzel vendors, pretzel mongers, and an occasional hochfest and turnverein. Flying high, wide, and handsome the winged publisher covered the old country like the dew, and leaped from Croydon to Cairo, from Moscow to Fez, and from Alpha to Omega with a sangfroid that was astonishing to say the least."

As usual, the Club continues to be popular as a gathering place for dinner meetings, and during October the Classes of 1912, 1909 and 1926 had their representative gatherings at either luncheons, or dinner meetings.

DUNCAN R. LINSLEY, '22, *Secretary*,
Harris Forbes & Co., 56 William St., New York, N. Y.

Washington Society of the Massachusetts Institute of Technology

On October 8, the Washington Society of the M. I. T. met at luncheon at the University Club, Washington, D. C. Dr. H. C. Parmelee, editor of *Chemical and Metallurgical Engineering* gave a most interesting talk on "The Patent and the Government Employee," and there was a short, spirited discussion on where industrial development is taking us.

W. M. Corse, '99, *Secretary*,
810 18th Street, Washington, D. C.

The Technology Club of Rochester

The annual meeting of The Technology Club of Rochester was held October 9, 1926, at Red Jacket Inn, Scottsville, New York. The following were elected officers for the coming year:

President, A. F. Sulzer, '01; First Vice-President, A. S. More, '02; Second Vice-President, F. L. Higgins, '04; Secretary, F. J. Hopkinson, '20; Treasurer, H. M. Shirey, '22; Term member of the Executive Committee, 1926-1929, T. M. Taylor, '22.

Forty-three members were present and the most exciting event of the day was the baseball game between the Odds and Evens, the Evens emerging the winners for the first time in history. The score was 11-10. Much credit should be given to Captain J. B. Wells, '16, for the able manner in which he coached his team to victory. Football and golf contests were also on the program, and it is to be noted that the chairman of the committee on prizes walked off with two of them. Whether or not collusion existed could not be ascertained. R. O. Marsh, '05, of White Indian fame was the winner of the walking contest and was presented with a pair of O'Sullivan's rubber heels, which it is hoped will considerably assist Mr. Marsh in stealthily tracking the unknown on the next exploration.

K. M. CUNNINGHAM, '22, *Secretary pro tem*,
Stop 11, St. Paul Boulevard, Rochester, N. Y.

Technology Club of Florida

The Technology Club of Florida was called to a supper at the Canton Restaurant, October 10. While letters were received from a number of the men, only four of the Jacksonville members and families were present: Mr. and Mrs. Horatio Parker, Mr. and Mrs. Arms and daughter, Mr. Julian Brash, Miss Henrietta Dozier and Miss Elizabeth Dozier.

The athletic and dormitory funds were discussed but turned down for financial reasons.

HENRIETTA C. DOZIER, '99, *Secretary*,
706 Bisbee Bldg., Jacksonville, Fla.

News from the Classes

News from even-numbered Classes is published in issues dated November, January, March and May. News from odd-numbered Classes is published in issues dated December, February, April and July. The only exceptions to this rule are those Classes whose Secretaries have guaranteed the appearance of notes in every issue. These Classes are: 1895, 1896, 1900, 1901, 1902, 1905, 1907 and 1910 to 1925 inclusive. Other Classes adhere to the alternate schedule. Due to necessary limitation of space, The Review is unable to publish lists of address changes of members of the Association. The Alumni Office, in Room 3-209, M. I. T., will supply a requested address or will act as the forwarding agent for any letters addressed to members of the Association in its care.

'73 The Fifty-Sixth Annual Meeting and class supper was held on June 19, at Young's Hotel, Boston. The following members were present: Borden, Carruth, Coggs, Forbes, Kimball, Leman, Shailer, Stone, Thompson and Williams.

The Secretary read letters received from the following absent members: Blaisdell, Carpenter, Felton, Greenleaf and Guild. Tribute was paid to the memory of our beloved classmate, Henry A. Phillips, who died March 25, 1926.

The following class officers for the coming year were elected: President, Francis H. Williams; Vice-President, Philip D. Borden; Secretary and Treasurer, Robert A. Shailer; Librarian, James E. Stone; Executive Committee, William T. Leman and George M. Thompson.

ROBERT A. SHAILER, *Secretary*,
93 Church St., Winchester, Mass.

'77 The Secretary regrets to announce the death of Warren E. Fairbanks of Caryville, who died of pneumonia on October 15. He was a constant attendant at the yearly reunions of the Class. The Secretary attended the services and flowers were sent by the Class.

The following account of his life was taken from a local paper: "Warren E. Fairbanks, brother of the late Judge Fairbanks of Caryville, died of pneumonia yesterday afternoon in the Union Avenue Hospital in Framingham, following an illness of four days. He was aged seventy-two years. . . . He was a graduate of Massachusetts Institute of Technology and later became interested in the shoe manufacturing business which he started in Caryville in 1892. He was identified with the woolen house of J. A. Farrell in Boston in 1894.

"He served as moderator in Bellingham for forty years and eleven years as a member of the Board of Overseers, of which for eight years he was chairman. He was a member of the Board of Selectmen for four years and for one year representative. While in the General Court he was clerk of the committee on towns and printing. He belonged to the Republican Club of Norfolk County. Previous to his death he was employed at the Taft Woolen mill."

We also record the death of George L. Flint who died on April 28, 1926. He took a three year course in Science and Literature at the Institute and later was in business with Symonds and Poor Carbonater Company of Boston. He was married September 25, 1880, to Mary L. Batchelder, who died in 1884. He was married again in September, 1890, to Emma M. Damont. He resided at 19 Village Street, Reading. He belonged to no societies or clubs but held various town offices in North Reading, was a member of the Massachusetts House of Representatives in 1880 and served as moderator in town meetings for fifteen years. He was a member of the Municipal Light Board for six years and was Chairman of the Board during the last three years. He only occasionally attended a class reunion and was not very well known among the members.

R. A. HALE, *Secretary*,
Essex Company, Lawrence, Mass.

'81 The Forty-Fifth Dinner was celebrated at the Chemists Club in New York on July 15, through the courtesy of Ira Abbott. There were present Ira, Frank Came, Hans Allen and Howard Barnes. The menu consisted of shrimps, asparagus, blue plates and ice cream. That was Ira's fault. However, it was his fine idea that we had a Forty-Fifth Dinner.

Grace Clark writes that she has a tremendous amount of correspondence with people who want to know when, how and where they can get

married so that at 4 a.m. the stream of the sun will come into the church through the stained glass windows, and so on.

Howard Barnes writes that he is sorry we have the reunions so far apart. Well, at our age we can't have them very often. He also writes: "For a tropical tramp I have been very quiet for the last nine months. I returned from a trip to Peru and San Domingo early in January, and have been doing all of my visiting at my desk since that time. My work has to do almost entirely with the tropical field in which Venezuela is now prominent, although Guatemala, Salvador and Colombia have to come in for their share. It is now twenty-two years since I was tempted away from old New England to go to Central America."

That's the kind of response I want. You who are reading this with intensity—why don't you send in what you are doing?

Our next real reunion will be in 1930, so make your dates ahead.

FRANK H. BRIGGS, *Secretary*,
390 Commonwealth Ave., Boston, Mass.

'83 A letter from Clara M. Pike of Pine Tree Lodge, Hampton, N. H., says: "After Mrs. Richards arranged a class for students, I joined it, going to her laboratory every Saturday. For about three years I continued to work under her supervision. There were many others, but I cannot recall their names. I was, at the time, a teacher of natural science at Wheaton Seminary, now Wheaton College, where I had charge of the science department for thirty years. Later I taught in the private schools of Boston for four years.

"I am now in my maternal ancestral home, Hampton, N. H. The Institute has my deep gratitude for the splendid work which it so kindly did for teachers. Professors Cross and Crosby and other members of the Faculty gave lectures of an inspiring character at Wheaton and helped to train students for important positions. Miss Mary E. Woolley of South Hadley, President of Mt. Holyoke College, was among the students."

On July 31, the Secretary sent the following letter to the clients and friends of his firm: "'When in the course of human events' it becomes advisable in a business organization, or profession, for the older generation to retire in favor of the younger generation, 'a decent respect to the opinions of mankind' requires that notice of such proposed retirement be made publicly.

"The undersigned has been engaged in the profession of public accountancy for thirty years; for the past twenty-five years under the title Harvey S. Chase and Company, a partnership. This partnership has now been dissolved by mutual consent and a new partnership, Seamans, Stetson and Tuttle, has succeeded it. The partners in the new firm are the same as in the old firm with the exception of the undersigned who retires from the stress and strain of professional work, having given the greater part of his active years to the profession and much of them to the reorganization and improvement of governmental accounts, municipal, state and national."

HARVEY S. CHASE, *Secretary*,
84 State St., Boston, Mass.

'85 Among the most memorable of the many occasions that can be classed in the history of '85 was the dinner given to the Class by Henry Sweet, in his Mt. Vernon Street home on June 9. About thirty members were there and with them a number of Henry's talented friends who helped in the entertainment.

As that dinner has now taken its place in the vista of many other glorious vistas, the sequence of entertaining events and the inspirational incidents have merged themselves into a glowing impression.

1885 Continued

From the delectable overture to the grand finale when the magician took Ed Dewson's flask out of Bert Pratt's pocket, Henry was the pluperfect host as shown by the fact that the flask was still full. There were short speeches, vocal offerings, moving pictures and a prestidigitator who could take your eye out and put it back without your detecting it. The home itself was a delight for the artist, the decorator and the collector, while the musician reveled in the skillful renderings on the pipe organ. But the big part of the impression of that dinner was the hearty cordiality that emanated from Henry Sweet. So you see we had a wonderfully good time. Horace Frazer was elected President for the coming year, and '85 thinks pretty well of itself.

About a week ago Ev Morss was suddenly stricken with appendicitis and an operation was quickly performed at the Phillips House. At this writing he is getting on as the doctor would like and we hope for a speedy recovery.

Fred Bedlow, who has been connected with the telephone company at Dallas, Texas, as treasurer for many years, has retired from the service and is now living at 307 Main Street, Melrose, Mass. Our active membership is growing.

Roger Sherman Newell, older son of Frederick Haynes and Effie Josephine (Mackintosh) Newell, born (blind) in Washington, D. C., February 24, 1898, died suddenly of heart failure in the same city on June 24, 1926. He was a student at the University of Illinois and later graduated in arts and literature, with special interest in history, at George Washington University, February 22, 1923. During recent months he was employed at the National Library for the Blind.

Our distinguished classmate has the heartfelt sympathy of every member of the Class in his loss.

The New York Times of May 16 said: "Professor Charles R. Richards, director of the American Association of Museums, received yesterday the decoration of the Legion of Honor from the French Government for his services as chairman of the commission which was appointed by Secretary Hoover to visit and report upon the International Exposition of Modern Decoration and Industrial Art held last summer in Paris."

Charles certainly has the proud congratulations of the Class, but a later announcement that he was married on July 19 to Miss Ora Batchelder of New York calls for an even heartier cheer, *à votre!*

The Research Service, Incorporated, of which Fred Newell is President, with offices at 810 Eighteenth Street, N. W., Washington, D. C., has been materially enlarged by the affiliation of Pratt and Boyer of Biltmore, N. C., Gerard H. Matthes, '95, of New York and Los Angeles, and H. N. Savage of Berkeley, Calif., specialists in irrigation, drainage, water supply, water power, land development, industrial and mineral surveys and valuation. There is also an announcement in some Dago language that Dr. Richard Muller is in charge of the firm's Latin-American Technical Bureau. In a letter Fred wrote: "During the summer I have inspected numerous dams and possibilities for water storage in Pennsylvania; in particular I have been interested in the future use for recreational purposes of the large, recently created lake, the largest body of water in Pennsylvania—that on Wallenpaupack River in northeastern Pennsylvania. It is a beautiful body of water and is attracting the attention of many who are hoping to see an increase in outdoor recreational features."

"Early in August I took in the Institute of Politics at Williamstown, Mass., and had the fun of participating in the round table discussion on chemistry and its relation to power. The meetings were very interesting, but perhaps the most value was derived from the acquaintances and informal talks."

I. W. LITCHFIELD, *Secretary*,
Hotel Wadsworth, 10 Kenmore St., Boston, Mass.

'89 The article in the Boston Evening Transcript of June 3 on Power Developments in the United States, contains the following paragraph:

"With every departure in the human race since our first records, we find able minds and heroic natures who have been the sponsors for all large actions and it would seem no more than fair to mention here such names as Honorable Herbert Hoover, William S. Murray, Samuel Insull, Alexander Dow, Charles L. Edgar, George A. Orrok, Guy E. Tripp, Owen D. Young and many others who, acting under the courage of their convictions, made great power systems take place."

It is a deserved tribute to our classmate, Orrok.

WALTER H. KILHAM, *Secretary*,
9 Park St., Boston, Mass.

'91

It seems only a few days ago that the Secretary sent forward a report of the Thirty-Fifth Reunion which appeared in the November issue, and now there is a request for further news.

The Secretary has sent out reply postals or up-to-date addresses and by the time you receive this issue we hope to have the address book at least under way. This will also contain an account of the Thirty-Fifth Reunion with a few pictures so that all members of the Class will be informed about this most successful gathering.

While at this writing the date has not been set for our Class Dinner this winter, we expect to hold it early in January. We hope that Horace Ensworth will be there to show the movies taken at the Reunion and we will also probably show the lantern slides.

Steve Bowen's daughter was married on October 9 at Trinity Church to Atherton Loring, Jr., of Boston.—Harry Bradlee took a well-earned rest last summer and, with his family, went abroad for a three-month's trip.—G. W. Chickering is now a designer in the New York State Department of Architecture and is living at 15 Cambridge Road, Albany, N. Y.—John Daland is City Purchasing Agent, City Hall, Salem, Mass.

Charlie Garrison and Mrs. Garrison have been on a trip to the Pacific Coast to visit their son who is at Huntington Beach, Calif., in charge of some new oil wells. They went to Santa Barbara and other coast cities and spent a night on top of Mt. Wilson. They lunched with Mr. and Mrs. Shattuck who have a fine home at Beverly Hills. Shattuck looks as young as any one in the Class. Mr. and Mrs. Shattuck have been on the Coast some ten years and he has retired from active work. Shattuck's daughter, Ruth, is married (Mrs. George Wright) and lives near by. They have a grandson fifteen months old. Shattuck's son is a senior at college.

HENRY A. FISKE, *Secretary*,
260 W. Exchange St., Providence, R. I.

'93

The Secretary is spending a fortnight at The Ark, at the foot of Mt. Monadnock, Jaffrey, N. H. For a number of years past, he, his wife and Mr. Thorndike, '94, have been amusing themselves on such trips by making a survey of the mountain trails, using a pocket compass, a 200-foot length of window cord and pocket clinometers. This provides, not only interest for their walks, but a surprisingly accurate map of these trails. Before they started there was no map, but now the Appalachian Mountain Club has published a very good map, a large part of which is based wholly on these surveys. The whole system of surveys is now being rectified by a base line running from the summit two and a half miles to a hill east of The Ark, identifying the points at which this base line cuts the various trails, and determining their alignment by the use of the naked eye and binoculars only, with the rather astonishing accuracy of a foot or two in each case. The fun consists in improvising surveying methods without the use of transits, levels and other accurate instruments.

The Assistant Secretary is also taking a belated vacation. Mr. Glidden is in northern Maine on a hunting expedition, and will not return until the middle of November.

The ranks of the confirmed bachelors of the Class are slowly but steadily thinning. News of the latest desertion came through an announcement by Mrs. Arthur H. Cutting of the marriage of her daughter, Lina Gertrude Greene, to Ariel Ballou Edwards on Saturday, August 7, at Sky High, North Hatley, Quebec.

Francis W. Fabyan was appointed by the trustees of the Boston Public Library a member of the examining committee of the library for the coming year.

FREDERIC H. FAY, *Secretary*,
44 School St., Boston, Mass.
GEORGE B. GLIDDEN, *Assistant Secretary*,
P. O. Box 1604, Boston, Mass.

'95

The following telegram from the Secretary has been received by The Review Editors: "Our monthly letter will be deferred until the next issue on account of absence from Ayer. Your Secretary has been sojourning in the West for some weeks on business and pleasure. Let me know if you miss it. Write me often, I need your help."

LUTHER K. YODER, *Secretary*,
Chandler Machine Co., Ayer, Mass.

'96 The Secretary finds at this time, after such a short interval from the preceding issue, that the material available is very meagre and seems all the more so in comparison with the mass of news that accumulated during the summer for the November issue.

Undoubtedly, the item of most general interest is the report appearing almost everywhere in the public press of Dr. Coolidge's latest achievement at Schenectady in developing a powerful cathode ray tube. The first public demonstration of this new apparatus took place at the Franklin Institute in Philadelphia on October 21, this being also the occasion of presentation to Dr. Coolidge of the Howard N. Potts gold medal, given by the Franklin Institute for "distinguished work in science or the arts." In this particular case the award was made for the invention of a type of x-ray tube that has now come into nearly universal use.

Miss Elizabeth Fisher, who, since 1908 has been Head of the Department of Geology and Geography at Wellesley, has been retired under the provision of the Carnegie Foundation, receiving the title of Professor Emeritus.

H. S. Boardman, whose inauguration as permanent President of the University of Maine occurred last June, has had a fairly busy summer. Immediately following commencement he attended the annual convention of the Society for the Promotion of Engineering Education at the University of Iowa, Iowa City, Iowa, where he acted as Chairman of the Division of Deans and Administrative Officers, the largest branch of the association. On his return from the West he stopped over one day at Niagara Falls. For a number of years Boardman has been much interested in Mt. Katahdin in Maine, and he and Professor Grover, of his Department of Engineering Drawing, have had a friendly rivalry over the record of ascents. At present Professor Grover has a considerable lead which was increased this summer by the fact that Boardman had to stay around home much of the time to attend to his many duties, his chief summer relaxation being gardening, in which, as he states, he is more or less enthusiastic. On some week-ends he was able to get away with fishing parties to Sugar Island on Moosehead Lake, and finally, during the first week in September, he made an automobile trip across Maine, New Hampshire, Vermont and into Canada, going by way of the White Mountains, the Green Mountains, through Smugglers Notch to Montreal and Quebec and home by way of Jackman. The trip was partly a camping trip, partly a visiting trip, and partly a hotel trip.

The latest word from Harry Tozier was that his departure from Rochester to take on his new duties with the Canadian Kodak Company in Toronto would be made by the end of October and that he expected to be settled in that time. His home address in Toronto is 58 Garfield Avenue.

In the last issue was a statement regarding Harry Jackson's new line of work as agent for Ferro-Chem. It is a very interesting fact that two '96 men handle this material on opposite sides of the country. Jackson has it for parts of New England, while Walter Leland has the agency for San Francisco and Northern California. When two such able fellows as Jackson and Leland select this material as worthy of their efforts it certainly seems as if it must be a very valuable reagent for the elimination of corrosion and scale in steel boilers.

Con Young, as was reported in the last issue, had an operation after the reunion, and did not enjoy especially good health during his sojourn in the Adirondacks afterward, especially as much bad weather was experienced. After Labor Day, he and Mrs. Young left the Adirondacks for the White Mountains, and had a splendid week at Sugar Hill, stopping on the way over to visit the President's house at Plymouth, Vt., and to be dinner guests of Helen Chamberlain Dodd at her Twin Flower headquarters. Con said it was a real pleasure to renew a friendship with the girl to whom he gave the pole climbers at the Cane Rush in '92. From Sugar Hill they traveled through rain and mud to Quebec, but almost on arriving he received the sad news of the sudden death of his mother in Ohio, which necessitated rapid traveling to that point and ended the summer vacation. Con reports that Joe Clary and his family had a pleasant motor trip to Laconia, N. H., where they spent their summer vacation. Joe's son is doing finely at Technology and made a record as an oarsman on the freshman crew. Jameson is decidedly better in health, but his work in Washington keeps him busy and he seldom joins in any of the Technology or Class gatherings, but sticks closely to his own hearth.

CHARLES E. LOCKE, *Secretary*,
Room 8-109, M. I. T., Cambridge, Mass.
JOHN A. ROCKWELL, *Assistant Secretary*,
24 Garden St., Cambridge, Mass.

'97 The selection of Proctor L. Dougherty for Commissioner of the District of Columbia by President Coolidge, as announced in the last issue of *The Review*, is a source of great satisfaction to the Class of '97.

Proctor dropped in on us for a short call and seems to be standing up under his new responsibilities.

We regret to report the death of Oren B. Smith who died at Vancouver B. C., on July 28. The following extract is from the *Engineering Mining Journal*:

"Oren Barron Smith, for several years general superintendent of mines for the Granby Consolidated Mining, Smelting and Power Company, died at Vancouver on July 28. He was fifty-two years old. Mr. Smith was a graduate of the Massachusetts Institute of Technology. He joined the Granby staff in 1899, was made superintendent of the Phoenix mine in 1904, and general superintendent of the Company's mines in 1908. At the time of his death he was general manager for the Gleanor Consolidated Mining Company, which is developing a property adjoining the Engineer Mine, at Atlin, B. C."

Our annual get-together was held at Hugh Moore's place in June. The following report is made by the Official Recorder, who shall be nameless:

The Twenty-Ninth Annual Class Reunion was held June 25-27 inclusive, at Hugh Moore's Island Cottage, York Harbor, Maine. The Official Recorder submits the following for the benefit of the absentees. The names duly inscribed in the Moore guest book as present were: J. P. Illsley, A. T. Hopkins, Hugh K. Moore, C. D. Hubbard, George A. Moran, Proctor L. Dougherty, Robert S. Lunt, Charles W. Bradlee, William Binley, Kelsea Moore, ex officio.

It should be noted that Dougherty was the long distance member attending the Reunion.

The members assembled at the Engineers Club, Boston, Friday, at 10 a.m., and proceeded in orderly procession just within the lawful speed, via the Newburyport Turnpike to Portsmouth, N. H., and thence to York Harbor, arriving in time for lunch. The repast was served at a roadside inn most appropriately built for us in 1897, as set forth in carved figures in the stone front.

It was but a few minutes drive to Island Cottage where hearty greetings were exchanged. No time was lost by the real golfers in getting into their togs and, accompanied by their admiring backers, proceeding to the Dover Country Club. A stop was made en route, at the beautiful country home of Ex-Governor Rollins, where he extended a cordial welcome to all. On the golf links, Hubbard and Hopkins were the final contestants with the latter three down. A regular New England clam chowder supper refreshed all members in the Island Cottage dining room that had been especially decorated for the occasion.

Early Saturday morning, the ambitious fishermen, Lunt, Dougherty, Moore, Moran and Kelsea Moore, boarded a thirty-foot kicker and were off with tackle and bait to prove their past records. Strange to say, no amount of enticement could drag Hopkins and Hubbard from their golf. The skipper evidently knew the cod nests, for each time he cast anchor in about fifteen fathoms, catches were without undue delay.

Bradlee and Binley arrived during the afternoon, but too late to partake of a fried clam luncheon. They made up at dinner, however, as the Island Cottage chef served broiled live lobsters by the dozen and such strawberry shortcake! It is a wonder that this fragment of the Class of '97 is now alive.

The evening was passed in holding a Class Meeting and making detailed plans for the great Thirtieth Reunion to be held somewhere convenient to the New York and Philadelphia contingent. Much enthusiasm went into those plans.

The record should not be ended without a word of the open-hearted generosity of Hugh Moore, who, as President of the American Institute of Chemical Engineers, entertained that Convention at Berlin, N. H., and hastened away to join us and to open Island Cottage. His efforts for our comfort and entertainment will remain a pleasant memory.

The Executive Committee, while prone to hibernate for weeks at a time, has accumulated considerable information regarding prospective places for holding our Thirtieth Reunion.

Before this goes to press, it is planned to hold a meeting of the Class members of Boston and vicinity to discuss the proposition and arrange definite plans.

JOHN A. COLLINS, *Secretary*,
20 Quincy St., Lawrence, Mass.
CHARLES W. BRADLEE, *Acting Secretary*,
301 Congress St., Boston, Mass.

'99

Albert F. Nathan of New York writes: "I've apportioned my leisure time into outside and inside; sun-light and gas-light; temperature and weather conditions. These six variables determine the degree of leisure, qualified by the ebb and flow of temperamental variations. I've a workshop at the back of my yard where I lacerate my fingers. I've a laboratory in my cellar where I ruin my store clothes. I've bought forty acres on the top of a mountain near Plainfield and am building a perpendicular road a mile long towards its top. When it gets there, I'm going to build a lodge on the top of the world with a chair to sit in.

"Working-days I spend in my office, gravely exuding legal advice to others and putting down 'per diems' for reference at the end of the month. On Fridays I sign checks paying the members of my staff for the questions they ask me during the week. I wish I didn't have to work, and that's why I don't work more than I have to. But my wife, my daughter and my prospective son-in-law are good rooters and, besides, I've got a neat little job pushing a suit charging infringement of thirty patents. This, so far as I know, is a record case."

C. A. Smith of the Georgia Railway and Power Company, Atlanta, Ga., contributed the following welcome news of himself and C. E. Smith: "I recently made a trip through the central west—through Detroit, Cleveland and St. Louis—and came in contact with several old Technology men, only one of whom was from our Class. I was entertained very graciously by C. E. Smith and his family one afternoon. Smith has a large force of engineers in his consulting office and is also consulting engineer for the city of St. Louis. He has a most charming wife and two small children, ages four and six. He is starting out rather late in life, but if he keeps on at the present rate he will eventually make good."

The Secretary spent the summer in Europe, visiting Great Britain, France and Belgium. In September he attended the autumn meeting of the Institute of Metals of Great Britain which, this year, was held at Liege, Belgium. The Institute of Metals is the foremost non-ferrous metallurgical technical society in the British Isles and its meetings were of unusual interest.

H. L. Morse of Bethlehem, Penna., not only writes of himself but of numerous friends who have not, as yet, communicated with the Secretary. "On May 12 I went out to Miami, Okla., to work up a contract. I was out there until the twenty-second, and have reason to hope that our efforts will be rewarded. I was finding the town rather dull when one day a familiar face showed up in the dining room and I went over and shook hands with one T. F. Lennan, formerly known at Technology as Frank, but now passing equally well as Tom. He gave me the right hand of fellowship and took me over to his home in Joplin, Mo., thirty-five miles away, where I had all the precious privileges of an honored guest, and incidentally got to feel that Joplin was a remarkably fine place in which to live. The audience at an amateur show given that evening by some sort of university women's club or alliance showed a higher average of keenness and intellectuality than I have had the privilege of seeing anywhere else.

"Tom is blessed with a beautiful home, a fascinating wife, a niece correctly cast as Helen of Troy in the aforementioned show, and a younger niece who needs no finishing to be a heart-breaker. Also his wife has a garden, which makes perfect this particular home. We are well represented in Joplin since Tom is, as the saying goes, well and favorably known. When some of those zinc-lead mine operators want to excuse having overlooked a good possibility they say, 'Why, Tom Lennan passed it up.' His opinion evidently goes 100 per cent out there, and his holdings and associations are of the strongest.

"Norman Rood at one time lived within a block or so of Tom, but moved on to higher explosive prosperity elsewhere, I forget just where. We discussed and respectfully admired the eminence of Sylvester Quayle Cannon as a Bishop of the Mormon Church. Then we looked over the senior portfolio and got terrible jars to find what we looked like in those past days when we thought ourselves so adequate and important. I recommend a study of early photographs as a cure for conceit.

"On my way back I stopped in to see Jack Magee, now with Calkins and Holden, 247 Park Avenue, New York. Here is another one of us who has arrived exactly where he wants to be, and a most admirable citizen with a cordial welcome in both fists and his desk drawer.

"T. F. Lennan's address is, by the way, 215 Sergeant Avenue, Joplin, and we both agreed that it was a shame that we had lost touch with practically the entire Class. If any one is disposed to help us to correct this condition, we propose to do our part."

Clancey M. Lewis writes as follows: "During the month of July, I

took a 2,700 mile auto trip to verify the existence of a certain town in the State Montana, incidentally taking in Yellowstone Park. In my efforts to traverse all the highways in western Montana unfit for motor cars, I shook off a gas tank and muffler, which, thanks to long lines of barb-wire fences and pliers, I was able to re-anchor sufficiently to carry me on to points of relief. Without taking more space, further details of this trip may be found in 'Short Turns and Encores' in the *Saturday Evening Post* of October 16, to which may be added that I spent some time at my old home town of Ketchum, Idaho.

"The United States Department of Commerce has sent me one of its 'eliminators' which I am wielding as a baton in my official capacity as state chairman for Management Week, October 25-30 inclusive, during which time we are going to try and tell everybody in the State of Washington what has been accomplished in the past few years in the elimination of waste. Another interesting dollar-a-year job has been wished upon me by the American Engineering Council. With a few others we are assisting in a survey which is to determine the relation of safety work to cost of production.

"Besides organizing and raising money for the Manufacturers' Legislative Bureau to function at the next regular session of the state legislature, convening January 10, 1927, acting as trouble doctor for the manufacturers of the State and trying to keep a son from boning too hard on junior engineering at the University of Washington, I am able to get away for an occasional short motor trip such as the one I took recently to the State Fair at Yakima. This was a non-stop run of 356 miles between 2:30 a.m. Saturday, September 25 and 1:30 a.m. the following morning, including eight hours at the Fair."

W. M. CORSE, Secretary,
810 18th St., Washington, D. C.
A. H. BROWN, Assistant Secretary,
53 State St., Boston, Mass

'00

'Twas too bad to disappoint "you-all" (Collier says this is perfectly permissible) last month, and let a Review go out without news appearing in this column.

There was plenty of news but the due date was September 25 and that day found the Secretary on the English Channel en route to Southampton from Bremerhaven. This being the case, further excuses may perhaps be eliminated.

Speaking of Collier is a reminder that his daughter, Miss Eunice Bothwell, was married to Charles Bryan Daniel on September 14, in All Saints Episcopal Church at Atlanta, Ga. It may be recalled that this column chronicled the visit of the Secretary last December to the Collier home and he experiences peculiar pleasure in extending the congratulations of the Class to the charming lady and her husband. May a long life filled with the happiness of successful effort be theirs.

"Joseph Draper's Tell 'em leads Whippets at Lowell Outing." So ran the heading across two columns of the sporting page of the *Boston Herald* on September 21. Of course this was not seen by the Scribe as he was wandering through Kaiser Bill's erstwhile abode at Potsdam on that day; but Bowditch reads everything, and the clipping was in the mail in short order. We always knew Joe was a good sport, but we little expected he was a sport of the turf variety. To his long string of accomplishments must be added this new one. It all happened at the outing of the Boston Wool Trade Association held at the Vesper Country Club. Tell 'em won the Cal Coolidge purse (Economy) defeating Nylgha, the 1926 American Derby champion in two straight heats, losing to her by inches in the third. This was the first defeat of the English champion since her arrival in this country last July. Another of Joe's prides, Cinders, chalked up her first win since her importation last August. Apparently Draper has stumbled into a most interesting and profitable diversion. Atta boy, Joe! Tip us off on the next one!

Bowditch took a trip down through Nova Scotia in August and traveled over much of the old route taken by the class geological excursion in 1898. He has promised a full account for a later Review, and we will refrain from further details here. Inky is a real wheel-horse when it comes to reliability. More than once he has saved the day for your Secretary. In fact the latter was unable to persuade Friend Kellogg at Washington to part with a measly passport to Europe until Inky appeared and testified that he (the Secretary) had been a law abiding citizen of the country for a period of at least twenty-eight years.

Who is there in 1900 to whom the name of James Hervey Batcheller does not bring back pictures and memories of undergraduate days? Don't you remember the drill-debt? Well, Jim was the boy that

1900 Continued

cornered and choked it. 'Nuff said. Jim was always doing the unusual and always will be. Just now it is his recent cross country trip that reminds us of this fact, and it is a shame that the powers that rule these columns have closed them to press agent activities, thereby preventing a detailed account of this latest escapade. Jim is another one of these humble professors in the Oregon School of Mines, at Corvallis, Ore. He migrates east every few years to spend a summer at his old home in Mattapoisett on the Cape, bringing with him his entire family.

This year it was decided to make the trip by auto, and therein lies the beginnings of a real adventure. The start was made from Corvallis on June 12, and, on June 22, Jim set his family safely down in Mattapoisett, having covered the 3666 miles in eleven days, at a rate of 333 miles per day. If this record were all the story, it would not have deserved the six-column space that was devoted to it by the *New Bedford Standard*. Jim wanted to travel in comfort, yet living each whole day in the open without being dependent on the uncertain hospitality of mushroom hotels. He accordingly planned a traveling equipment that turned an otherwise camping trip into a *tour de luxe*. Such men as Commander Byrd and other explorers would do well to inspect carefully the provisions which Jim made to care for every need during the trip. Was hot water a necessity on the trip? Well, Jim placed a three gallon insulated copper tank underneath the body near the rear, and connected it up with the hot exhaust gases from the motor. One hour of ordinary driving produced three gallons of water at the boiling temperature, and conveniently placed gauges showed the driver the amount and temperature of the water at any time. Did the building of a camp fire entail nasty, disagreeable work each morning and evening? Jim did away with that by placing another copper box over the motor and under the hood. The inner compartment of the box was water-jacketed with water taken from the radiator and heated by a connection to the exhaust manifold. A few minutes running of the motor caused the interior of this fireless cooker to be heated to the boiling point of water and into its hopper went the canned goods or other foods. Was cool drinking water a necessity on the long trip across the Yuma desert? Well, Jim rigged a five-gallon canvas bag on a frame in the front part of the radiator, and without obstructing the free flow of air to the radiator, made the high-velocity air current in front of the radiator cool the contained water. Another advantage of this forward position was its comparative freedom from dust. Tanks placed in the rear catch the road dust and unbalance the load. Leave it to Jim to think all that out. For sleeping quarters, the back of the front seat was made to drop backwards to the level of the rear seat. The back of the rear seat had previously been removed and the space filled with sheets, blankets and folding mattress. These were covered with khaki canvas and strapped tightly to give the same effect as the removed cushion back. Beds were thus provided for the two adults and the boys slept in a tent carried on the running board.

Getting under way in the morning was easy and generally was accomplished by four o'clock. The process consisted of devoting thirty minutes to bathing, dressing and cleaning up the ground about the camping place. Breakfast was then placed in the fireless cooker and travel resumed. Twenty or thirty minutes later, breakfast would be hot in the cooker, hot water was ready in the rear tank for making cocoa and coffee, and a stop would be made at some attractive place for the morning meal. Hot water for dish purification could be drawn from the storage tank. Can you beat it?

GEORGE E. RUSSELL, *Secretary*,
Room 1-272, M. I. T., Cambridge, Mass.

'01

The last reverberation of the Twenty-Fifth Reunion has died away, and there remains now on the one hand a pleasant recollection, and on the other a keen anticipation of the Thirtieth, now less than five years away.

Intermediate reunions of an informal character will be held whenever two or more members of the Class gather together. There is no stated program of exercises.

During the summer your Secretary has been assiduously culling information about members of the Class, and happily finds himself in the position to offer certain news items which will pass the censorious eye of the Editor of this journal. I enclose one brief clipping relating to the work of Arthur Hayden. Arthur has for some years now been centering in New York and his work with the Westchester Park Commission is but one phase of his professional activity. The clipping follows:

"A recent number of the *Engineering News-Record* contains an

article by A. G. Hayden of Bronxville, designing engineer of the Westchester County Park Commission, describing the new structural developments exemplified in the Bronx Parkway and Westchester County Park bridges. Mr. Hayden has applied continuous construction to short span bridges with results so impressive in increased efficiency and esthetic range as to forecast an important influence on short span practice.

"The pioneer work of the Commission along this line has created widespread interest among engineers and engineering colleges who are studying the Westchester developments under guidance of the Commission's designing department."

Another member of the Class has recently received a most important appointment. W. W. De Berard has been appointed chief engineer of the Chicago Regional Planning Association. The following brief transcript covers the major points of interest:

"The Regional Planning Association is a corporation, not for profit, which has enlisted the support of the county boards, the Chicago Commonwealth Club, University of Chicago, Northwestern University, Union League Club, the City Club, many cities and villages, chambers of commerce, and firms and individuals. D. H. Burnham is president; B. F. Affleck, treasurer; and Robert Kingery of Winnetka, secretary.

"Coördination of the construction activities of the many authorities now planning and carrying out public and private works projects is the principal purpose of the association, so that orderly and connected systems of highways, sewers, parks and other public and private works may be developed. This is being accomplished through joint agreement of these authorities in committees on each of the twelve major subjects being studied.

"Mr. De Berard has been connected with the *Engineering News-Record* and its predecessor, *Engineering Record*, since 1910, all of that time in charge of the Chicago editorial office. He was graduated from the Massachusetts Institute of Technology in 1901 and from that time until 1910 was engaged in engineering work, mainly in water and sewerage plants in Philadelphia and Harrisburg, Penna., Columbus, Ohio, Oakland, Calif., and Denver, Colo., and the Metropolitan Sewerage Commission of New York. He was also for a time in the U. S. Reclamation service. Mr. De Berard was a member in 1924-25 of the engineering board of review of the Sanitary District of Chicago. His headquarters with the Regional Planning Association will be in the Burnham Building, Chicago.

"Public men on the north shore in close touch with the development of the Chicago metropolitan district are of the opinion, it is said, that Mr. De Berard will be in a position to help forward through traffic roads in this section and other projects of particular interest to the people of Willmette and surrounding towns."

Perk Parrock has just left the bedside of his last sick foundry, the patient being well on the high road to recovery, and is now doing a number of rapid fire consultation engagements in various parts of the country. I have been toiling along painfully in his dust trying to catch up with him, and have practically decided that the best bet is to remain quietly in one spot with the certainty that before long he will go shooting by. Perk has had a number of very interesting affiliations in the past few years, and his ripe experience is bearing fruit of great advantage to his clients.

Bill Pepperell writes from 125 Congdon Street, Providence, R. I., that he has just been elected a director of the new Cotton Textile Enterprise. This is a national organization made up of the majority of the treasurers of the various cotton mills throughout the United States. It is similar in organization and purpose to the Steel Institute and other national trade organizations. The new organization represents the first effort of the cotton men to establish such an association.

Horace Johnson, the Vice-President of the Brewer Company in Honolulu, is specializing as a technical adviser for sugar plantations. He is also actively supporting Technology athletics in the person of two scions of the house of Johnson who are on the Institute teams.

Howard Wood writes from Nela Park that he is a lamp engineer developing new or improved types of incandescent electric lights. I was glad that he added the qualification and so averted a possible misunderstanding.

Some of our readers will remember that Ralph Whitman came to the surface last year after a long submergence in Hayti, Washington, D. C., and other remote foreign parts. Ralph is now the public works officer at the Norfolk Navy Yard in Portsmouth, Va. His duties comprise the functions of city manager, city engineer, city architect, city water works superintendent, city sanitary engineer, commissioner

1901 Continued

of public utilities, and city janitor in a 400 acre community under the benign control of the central government. He expects to be there possibly for two or three years, although the exigencies of the service may send him elsewhere at a moment's notice. The recital of his several activities reminds one inevitably of that other naval hero who was "the cook, and the captain bold, and the mate of the Nancy Briggs," to say nothing of the rest of her complex personnel. I would suggest that any member of the Class who, in polite Elizabethan phrase "can utter sweet breath," call on Ralph if they are passing in the vicinity. Personally, I should prefer to see him in his janitorial capacity but I presume that phase of his activity is reserved for Sundays and holidays.

This document will be placed before the constituency on or about that genial time known throughout New England as Thanksgiving. Parenthetically one may say after years of bitter experience, that it is about the only thing that New England does give. Proud as I am of my New England ancestry, I recognize that its dour acerbities and rugged discourtesies, while they may bespeak a native honesty, are devoid of lubricating qualities. This philosophical thought is engendered by the fact that, for once, New England failed to live up to the reputation given it by its rude forefathers at the time of the last Reunion. And I, a loyal son of the soil, wish publicly to embody the holiday spirit and render my thanks to those loyal and devoted souls who have enrolled themselves sustaining members of the Class. The support they have given to my tottering footsteps is greatly appreciated.

ALLAN WINTER ROWE, *Secretary*,
4 Newbury St., Boston, Mass.
V. F. HOLMES, *Assistant Secretary*,
131 State Street, Boston, Mass.

'02 Harry Pond was seen in Boston recently, having returned from Havana where he was with the United States Steel Products Company.—James H. (Doggie) Brown and his wife sailed on October 16 for a trip around the world, going via Cuba, Panama and the Hawaiian Islands to New Zealand and Australia and then up to Japan and China and home via India, Suez Canal and Europe. They are due back in New York in time to take in the Twenty-Fifth Reunion next June.—Adrian Sawyer's daughter, Florence, is a freshman at Wellesley. What other classmates have sons or daughters entering college this year to add to our college list of a year ago?

We hear that Monty is a grandfather, but as yet we have no particulars.—Bassett with his wife took a trip to the Saguenay River and the Gaspé Peninsula in September with a party of the Appalachian Mountain Club.—Doc Williams has become a member of the Alumni Council, where he is the representative of the Niagara Falls Technology Club.

FREDERICK H. HUNTER, *Secretary*,
Box 11, West Roxbury, Mass.
BURTON G. PHILBRICK, *Assistant Secretary*,
276 Stuart St., Boston, Mass.

'03 G. C. Capelle has returned from his location at Fishers Island, N. Y., and his present home address is Marshfield, Mass.; his business address care of Parsons and Wait, 1 Beacon Street, Boston.—Ralph B. Yerxa, of whom we lost track last winter, was, it appears, making a trip around the world, but has now returned and can be located at the Hotel Shelton, New York, or care of A. I. M. E. Headquarters, 29 West 39th Street.—Robert J. King was married on July 7, to Elizabeth Churchill King, daughter of Reverend John K. King, at 49 Orange Street, Saint John, N. B.

Last June we had a letter from Hewitt Crosby mailed from Tucson, Ariz., just as he was starting on a 6000 mile camping trip with New York as the goal. This ought to furnish us with some interesting news which we hope to have for a later issue.—Last August, H. S. Morse, in an effort to stir up some news from the Class, decided to use for the purpose the mailing of a beautiful brochure on the water supply of Indianapolis to all members. This was not in an effort to advertise his achievements, which he might justifiably have done of course, but with a view of using this mailing as a stimulus to stir up some correspondence. At about the same time Morse made a flying trip to New England and the following letter was received from him soon after, dated August 10.

"I just returned from my visit east, and, although I had in mind seeing you, I found myself so busy entertaining my son Dan that I could not squeeze in a trip to your office.

"By the way, while in the South Station I ran into Yerxa and had quite a talk with him, but did not get his address, although he said that he was living in New York. If you wish his address I think you can get it from Horace S. Baker, R. F. D. No. 3, Trenton, N. J.

"I called on Denison while showing my boy the Institute buildings and he has sent me an up-to-date stencil list of '03 men, so I am sending the pamphlet to them and hope it does some good.

"I had a few hours in Rockland, Maine, and knowing that George Wood lived there and was engaged in the lime business, I asked the taxi driver which was the largest lime concern in Rockland. He told me The Rockland and Rockport Lime Company, so I asked him who ran it and he said George Wood. I called at George Wood's office but unfortunately found that he was out of town and would not return until the next day. Also, unfortunately, Johnnie Howard and George Sweet were both absent from the Institute on their vacations."

It is the expressed wish of Morse that he personally be given no publicity in connection with his efforts, but your Secretary, realizing the time and effort that is necessary to carry through a thing of this kind, cannot be so ungrateful as to comply with his request and is more than glad to give him full credit. About a month ago (this is written October 20) Morse sent on all his correspondence in connection with the mailing and while the number of replies (twenty-seven) are hardly commensurate with the mailing (314) it is hoped that other potential replies are developing. One of the notable themes that runs through many of these letters is the pleasure at hearing from an old friend. Even after twenty-five years the flame still burns brightly, and they say that after all it is the little thoughts that come to us in passing that are often most worth while. A majority of those received contained little more than an acknowledgment, but the following items have been culled from the balance.

This one from Leonard E. Schlemm, 43 St. Francois Xavier Street, Montreal, is too good to hold back, so you can read and chuckle. "I was interested to hear what you had to say about our old friend, Professor Allen. Well do I remember his asking me before the class 'Have you nerve, Schlemm?' and my wondering how he had caught on to the fact that I had calmly taken the textbook on Railroad Curves to the board so as to simplify the explanation of some formula for the benefit of the class. I can still remember the comfortable feeling I experienced when I realized his question was a perfectly innocent one." This certainly sounds like the good old days when we were very young. Schlemm is now constructing a town out near Winnipeg for the Manitoba Paper Company.

Following is an interesting letter from S. B. Tuell, Vice-President of the Engineers Public Service Company, 120 Broadway, New York: "In regard to the Engineers Public Service Company, this is a holding company controlling the following public utility companies: Virginia Electric and Power Company, Key West Electric Company, Eastern Texas Electric Company, El Paso Electric Company, Savannah Electric and Power Company and Baton Rouge Electric Company. The combined gross earnings of the subsidiaries exceed \$25,000,000. The company was organized a little over a year ago for the purpose of acquiring public utility companies. Some of the subsidiaries were former properties under the management of Stone and Webster. Engineers Public Service Company is affiliated with Stone and Webster. I do not know who was responsible for the picking of the name but it has the advantage of being distinctive and not readily confused with other public utility holding companies."

A letter from J. Ross Bates says that last July he had a visit from Charles L. Bates '03 whom he had not seen since graduation and who spent several days at J. R.'s home at Cranford, New Jersey.

Charles L. is chief engineer of a construction company in Vancouver, B. C. He looked very well and the years have been good to him in every way. He is much interested in his work and is happily married.

J. R. Bates also tells us something about his family. He has a son of 12, his youngest who is looking forward to going to M. I. T. His oldest son, John R., Jr. is a junior at Princeton where he is doing good work, and another son, a junior in high school, who is preparing for Princeton. He also has a daughter in high school preparing for Smith.

CHESTER S. ALDRICH, *Secretary*,
10 Beaufort Road, Jamaica Plain, Mass.
GILBERT H. GLEASON, *Assistant Secretary*,
25 Huntington Ave., Boston, Mass.

(Continued on page 119)



INTERCOLLEGIATE ALUMNI HOTELS

AN Intercollegiate effort sponsored by over eighty alumni organizations to co-ordinate alumni interests and activities through a selected group of hotels, each prepared to give special attention to the needs of the traveling alumnus, the traveling college organization, and the local alumni club.





ROOSEVELT
New York



MOUNT ROYAL
Montreal



RADISSON
Minneapolis



SENECA
Rochester



BLACKSTONE
Chicago



WILLARD
Washington



CORONADO
St. Louis



OAKLAND
Oakland, Calif.



CLAREMONT
Berkeley, Calif.



URBANA-LINCOLN
Urbana, Ill.



SCHENLEY
Pittsburgh



CALIFORNIAN
Fresno



SAINT PAUL
St. Paul



MULTNOMAH
Portland, Ore.



PALACE
San Francisco

MAIN FEATURES OF THE INTERCOLLEGIATE ALUMNI HOTEL MOVEMENT

Interested alumni can secure from a clerk at the desk of each Intercollegiate Alumni Hotel an information leaflet which describes in detail the Intercollegiate-Alumni Hotel movement.

At each Intercollegiate Alumni Hotel there will be maintained a card index of the names of all the resident alumni of all the participating institutions. This will be of especial benefit to traveling alumni in locating classmates and friends.

The current issues of the alumni publications of all the participating institutions will be on file at each Intercollegiate Alumni Hotel.

Reservation cards will be available at the clerk's desk in each designated hotel and at the alumni office in each college or university. These reservation cards will serve as a great convenience to travelers in securing advance accommodations.

The managers of all Intercollegiate Alumni Hotels are prepared to cooperate with individual alumni to the fullest extent and are also prepared to assist in the creation of new local alumni associations and in the development and extension of the activities of those already formed.



WALDORF-ASTORIA
New York



ONONDAGA
Syracuse



WOLVERINE
Detroit



BILTMORE
Los Angeles



BENJAMIN FRANKLIN
Philadelphia

THE PARTICIPATING COLLEGES:

The alumni organizations or magazines of the following colleges and universities are participants in the Intercollegiate Alumni Hotel movement:*

Akron
Alabama
Amherst
Bates
Beloit
Brown
Bucknell
Bryn Mawr
California
Carnegie Institute
Case School
Chicago
City College New York
Colgate
Colorado School Mines
Colorado
Columbia
Cornell
Cumberland
Duke
Emory
Georgia

Goucher
Harvard
Illinois
Indiana
Iowa State College
James Milliken
Kansas Teachers' College
Kansas
Lake Erie
Lehigh
Louisiana
Maine
M. I. T.
Michigan State
Michigan
Mills
Minnesota
Missouri
Montana
Mount Holyoke
Nebraska
New York University

North Carolina
North Dakota
Northwestern
Oberlin
Occidental
Ohio State
Ohio Wesleyan
Oklahoma
Oregon
Oregon A.
Penn State
Pennsylvania
Purdue
Radcliffe
Rollins
Rutgers
Smith
South Dakota
Southern California
Stanford
Stevens Institute
Texas A. and M.

Texas
Union
Vanderbilt
Vassar
Vermont
Virginia
Washington and Lee
Washington State
Washington
Wellesley
Wesleyan College
Wesleyan
Western Reserve
Whitman
Williams
Wisconsin
Wooster
Worcester P. I.
Yale



COPLEY-PLAZA
Boston



LINCOLN
Lincoln, Neb.



WINDERMERE
Chicago

*In most instances both the alumni organization and the alumni magazine are participating as a unit.

INTERCOLLEGIATE ALUMNI HOTELS:

Roosevelt, New York
Waldorf-Astoria, New York
University Center,* New York
Copley Plaza, Boston
University Center,* Boston
Blackstone, Chicago
Windermere, Chicago
University Center,* Chicago
Benjamin Franklin, Philadelphia
Willard, Washington
Radisson, Minneapolis
Biltmore, Los Angeles

Palace, San Francisco
Olympic, Seattle
Seneca, Rochester
Claremont, Berkeley
Onondaga, Syracuse
Sinton, Cincinnati
Wolverine, Detroit
Multnomah, Portland, Ore.
Sacramento, Sacramento
Californian, Fresno
Lincoln, Lincoln, Nebr.

Oakland, Oakland, Cal.
Lycoming, Williamsport, Pa.
Mount Royal, Montreal
King Edward, Toronto
Coronado, St. Louis
Bethlehem, Bethlehem, Pa.
Urbana-Lincoln, Urbana, Ill.
Saint Paul, St. Paul
Savannah, Savannah, Ga.
Schenley, Pittsburgh
Wolford, Danville, Ill.



OLYMPIC
Seattle



SACRAMENTO
Sacramento



SINTON
Cincinnati



KING EDWARD
Toronto



BETHLEHEM
Bethlehem, Pa.



LYCOMING
Williamsport, Pa.



SAVANNAH
Savannah, Ga.

*To be built in 1926-27



THE INTERCOLLEGIATE ORGANIZATION

The Intercollegiate Alumni Hotel movement is the result of a year's effort on the part of a Committee, the members of which have long been identified with alumni work.

The funds to insure the success of the Intercollegiate Alumni Hotel movement are being advanced by the designated hotels, which have been selected after a careful study of their fitness for participation.

The committee on organization, the activities of which are controlled by a special group of the members of the Alumni Magazines Associated, has incorporated a non-profit corporation known as the Intercollegiate Alumni Extension Service, Inc., which will direct the policies of the Intercollegiate Alumni Hotel movement and serve as a coordinating unit between the alumni organizations and the designated hotels.

OFFICERS AND DIRECTORS OF THE INTERCOLLEGIATE ALUMNI EXTENSION SERVICE, INC.

18 East 41st Street
New York City

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Smith College

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College of Wooster

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Lehigh University

R. W. SAILOR
Cornell Alumni News
Cornell University

W. B. SHAW
Alumni Secretary
University of Michigan

ROBERT SIBLEY
Alumni Association
University of California

LEVERING TYSON
Alumni Federation
Columbia University



Continued from page 114

'05 George Jones was east last summer with his son Bayard, and drove through New Haven and Hartford expecting, so he says, to find Middletown somewhere in between. But there happen to be two roads, and, failing to examine his Socony map, he took the other. The tourist was obviously drowsy but awakened later in New Hampshire where he remembered that the preceding secretary had a country estate. However, being mid-week and not apple-picking time, the ex-secretary was putting in a day in Boston and George was again out of luck.

ROSWELL DAVIS, *Secretary*,
Wes Station, Middletown, Conn.
S. T. STRICKLAND, *Assistant Secretary*,
20 Newbury St., Boston, Mass.

'07 The Secretary of the Class has written to the Editors of The Review as follows: "I have scanned the list of '07 men carefully, but there is not a thing that is new to record in The Review." Will members of the Class please correspond with their Secretaries?

BRYANT NICHOLS, *Secretary*,
2 Rowe St., Auburndale, Mass.
HAROLD S. WILSON, *Assistant Secretary*,
W. H. McElwain Co., Manchester, N. H.

'09 It was our intention to have some Class Notes in the November Review, but your Secretary was out of town when the notice came from the Editors, and, as he did not return until after the closing date, our Class was not represented in that issue. This month we are on the job again. With your help, we will endeavor to have something of interest each month.

We started to have a yearly outing at Duxbury last June, and got as far as engaging quarters at Powder Point Hall. Post cards sent to the men in the eastern section of the country produced almost no response, and with only one or two signifying their intention of being present, it seemed best to call the outing off, at least for this year. Chick Shaw and his wife, having made their plans to go to Duxbury, decided to do so anyway, and sent the Secretary a post card just to prove that they had been there.

Lawrence Winchester, who has been associated with the Edison Electric Illuminating Company of Boston, has gone to Pittsburgh to be with the Philadelphia Company as planning engineer on transmission distribution. Mollis Scharff is chief engineer of this company.—E. P. Chapman has recently left the American Smelting and Refining Company. We understand that his address is Leadville, Colo.

Paul Wiswall, our newly appointed Assistant Secretary in New York, states that there will be the usual Class Luncheons during the coming winter at the Technology Club. Definite dates have not yet been fixed, but if you are interested in attending any of these luncheons, you can obtain the dates from Paul.

Tom Desmond is still as keen as ever about establishing the Technology Center in New York, and the idea seems to be gaining a little in momentum outside of the metropolis.

Harry Trevithick, who is chief chemist of the New York Produce Exchange, writes that his organization is enlarging and rebuilding their laboratories. Henry has been elected Vice-President of the American Oil Chemists Society, and as this election usually results in the election to the Presidency the following year, we may expect to see him President of the Society next year. He is also Associate Editor of the *Journal of the Fat and Oil Industries*.

Last fall Paul Wiswall was spending his vacation in Maine and wrote as follows: "I am up here on an island about midway between Rockland and Bar Harbor. Ike Hazelton, '94, told me about it and now I have spent three vacations here. Sometimes I have a hard time convincing myself that it is not over 400 miles to my desk. Any place where there is no connection by wire or telephone, where the mail arrives once a day on weekdays only, where there is, as far as I can discover, not a single draught animal (though there are twenty-six Fords, one Chevrolet and one Star here), where there is not a patch of garden worth mentioning,—any place like this is a far cry to the city. I like it because there is nothing to do but live out-of-doors and there is plenty of clean ocean everywhere. The natives live by fishing for lobsters. There was an article in the *New York Times* a few weeks ago telling of the out-of-the-way communities in Maine and how they had gone to seed. Isle au Haut is, indeed, a remote settlement, but there is

nothing behind the times about it. If you do not believe this, let me tell you, then, that one of the women told me the other day that she was hoping her boy, now aged four, would go to Technology!"

Hugh Lofting's new book "Dr. Dolittle's Caravan" has just appeared in the bookstores. This is the sixth of the well-known Dr. Dolittle books, interesting alike to the grown-ups and the little folks.

Carl Gram has just returned from an extensive trip of which he writes as follows: "Since the concern with which I am connected, E. B. Badger and Sons Company, is actively engaged in furnishing distilling columns, or fractionators, to the oil refineries, I combined a vacation with a business trip to make a survey of the mid-continent oil field.

"Mrs. Gram and I left September 5 on a four-week trip, the principal stops being at Wilmington, Del.; Lancaster, Penna.; St. Louis, Kansas City and Osage Oil Fields, Oklahoma; Fort Worth, Dallas, Houston, Galveston and Beaumont, Texas; then over to New Orleans, and back by boat to New York and home. But the reason I am writing this is that among the many old friends I ran across were a couple of the '09 gang, about whom, I am sure, many of the Class will be glad to hear.

"In Kansas City I looked up Harry Havens, who hasn't lost any of his speed and is as wild and woolly as ever. Harry is actively engaged in the structural steel business, under the firm name of Havens Structural Steel Company. He has a capable organization and a compact shop, well equipped to execute anything in his line, having handled such jobs as the new President Hotel which is the largest hotel in Kansas City. He also goes as far afield as the Texas Panhandle, and I believe he is about completing a power house job down there.

"I spent several days in and around Tulsa and learned that the largest insurance outfit in that part of the country is Pearce, Porter and Martin, of which John Stewart Pearce is senior partner. Stu settled there shortly after leaving Technology and so has participated in the tremendous growth that has taken place in Oklahoma and vicinity. His firm occupies offices covering almost an entire floor in one of the largest buildings in Tulsa, and I know will handle any kind of insurance you wish to place."

CHARLES R. MAIN, *Secretary*,
201 Devonshire St., Boston, Mass.
PAUL M. WISWALL, *Assistant Secretary*,
Franklin Baker Bldg., Hoboken, N. J.
MAURICE R. SCHARFF, *Assistant Secretary*,
435 Sixth Avenue, Pittsburgh, Penna.

'11 Another school year is now under way and it is good to have Walter Arthur and Paul Cushman back at the Institute spending another year in advanced study and research, along metallurgical and mechanical lines.

Lloyd Cooley advises that he is once again sailing under the banner of E. B. Badger and Sons Company, whose home office is at 75 Pitts Street, Boston. For a few months now he is visiting various oil regions securing information preparatory to selling and operating oil stills, etc. While on the road in early October, he was located for the time at Ann Arbor, Michigan, expecting to move soon to St. Louis. He reports that Louis (Monk) DeFlorez, with headquarters in New York, is acting in a consulting capacity for the Badger organization.

Alumni dues came in this year from H. D. (Zeke) Williams from an address in Berkeley, Calif., with no explanation as to whether he has retired or has a new connection which centers him at that beauty spot of the United States. Just as soon as Zeke answers our letter, we will let you know more complete details.

From the west we also learn that Jim Greenan has become General Superintendent of the Consolidated Cortez Silver Mining Company at Cortez, Nevada.

While visiting the Technology Club of Hartford in mid-October, it was indeed a delight to run across four classmates, three of whom attended the luncheon and the other was in when I called at his office in the afternoon. The four men, whom it was such a pleasure to see, were Milton Hayman, who is making a great success for himself under his own shingle as an architect; John Hugelmann of Goodwin, Beach and Company, Brokers; Johnny Scoville, also in architecture; and Bill Whitney who is with the Maxim Silencer Company.

Charlie Linehan who is our class representative in the lists of athletic coaches has just joined forces with Arnold Horween in the development of this year's Harvard varsity team and we see his name frequently in the sports dispatches emanating from the Stadium.

It is also pleasing to let you know that early in October I had a fine

1911 Continued

letter from F. A. (Doc) Moore from Fort Worth, Texas, saying that he was still enjoying his work, varied as it is, with the Waples-Platter Grocer Company, Wholesale Grocers. Through me, he sent his hearty regards to his many 1911 friends.

In the latter part of October I journeyed to Concord, N. H., as guest of the Technology Club of New Hampshire at its annual meeting. Prior to the fine dinner Harold Smith '11, up from Manchester, N. H., beat me on the golf links, winning the low gross for the alumni event, "yours truly" running third.

In closing, it seems that it is again time to remind the collective constituency that the well-known slogan "Write to Dennie" still should be obeyed, for this fall the letters from classmates have been much less frequent than is to be desired.

ORVILLE B. DENISON, *Secretary*,
Room 3-207, M. I. T., Cambridge, Mass.
JOHN A. HERLIHY, *Assistant Secretary*,
588 Riverside Drive, Medford, Mass.

'12 The first fall meeting of the New York 1912 contingent was held on October 20.

The principal subject of conversation was the Fifteen-Year Reunion which comes next June. Everyone in New York seems to be strongly in favor of holding it somewhere along the Sound, as they plan to have a large delegation present and believe that this is the logical location. Won't somebody from the middle west offer an opinion as to their preferences?

Any of the Class going to New York should plan to be there on or about the third Wednesday of the month. They can call Dave McGrath, of McGraw-Hill Company, and find out where the 1912 lunch is to be held.

R. C. Foster, IX, has recently moved to New York where he is located with the Borden Sales Company at 350 Madison Avenue.

FREDERICK J. SHEPARD, JR., *Secretary*,
125 Walnut St., Watertown, Mass.
D. J. McGRATH, *Assistant Secretary*,
McGraw-Hill Co., 10th Avenue and 36th St.,
New York, N. Y.

'13 No notes have been received by The Review Editors from the Secretary of this Class for inclusion in the December issue. The Secretary received the usual notification that copy was due, accompanied by such news as had been compiled in The Review office. Members of the Class having news or inquiries should address them to Harry D. Peck, Secretary, at 99 State Street, Boston, or G. P. Capen, Assistant Secretary, 25 Beaumont Street, Canton, Mass.

'14 As your Secretary spent part of the past month in that modern American battlefield, the City of Chicago, he endeavored to visit the Fourteeners located there in order to determine how existence in Chicago had changed their gentler characteristics acquired during Institute days. In the last issue of The Review the association of How Taylor and Ralph Salisbury in the architectural firm of Bentley, Taylor and Salisbury was announced. As their office was right in the loop district it was the first place visited. There they were—Taylor discussing boiler horsepower with a client and Salisbury busily computing the shearing forces on a steel girder. For a moment it seemed like a dream of Institute days. Soon, however, we got together and had a real talk-fest.

The next call was not so successful. Larry Travis, who has been with the Barber Asphalt Company for these many years, was out of the city on a business trip. — A most enjoyable afternoon was spent with Bob Patten at the Western Electric Company. Bob is working on the design of wire drawing machinery and a trip through Bob's plant was most interesting.

How Taylor is probably still laughing at the news regarding Alden Waitt. You remember Alden was once upon a time registered in chemistry. After a couple of tries Alden gave up in disgust the attempt to become a great chemist. A year ago he returned to the Institute and, it is reported, for the first time since entering Tech, he studied. Last June not only did he obtain his baccalaureate degree, but a master's degree as well! Thus did Alden lose his amateur status and join the ranks of the great.

Another patent has been issued to a Fourteener. It is No. 1,601,070 covering a wavemeter design and was issued on the application of J. W. Horton. This is by no means Horton's first patent.

Your Secretary spent a very pleasant day recently with S. W. Stanyan at Mansfield, Ohio. Stanyan has purchased eight acres of slightly land, drives a Packard, and is rather suspected of "keeping company." He has, however, been under this same suspicion ever since Institute days so it may be just another case of "Barkis is willing." Perhaps another ten or twenty years will tell.

Just to prove it is impossible for him to keep out of the news we find Pat Adams listed as a passenger on the *Josephine Ford* on a recent flight with Commander Byrd from Washington to New York.

C. W. Ricker, who is Professor of Electrical Engineering at the North Carolina State College of Agriculture and Engineering at Raleigh, N. C., writes "As to my work, I'm busy as the proverbial paper hanger. I am giving some new courses, trying to change the method of instruction in some cases and making plans for the laboratory in the new building which we hope to get into soon." Please note that the above is more than Rick has been known to write before in a whole decade! We actually may get a letter out of Charlie Fox, Paul Owen, or some of the other unknown writers by the time we have been out twenty-five years.

H. B. RICHMOND, *Secretary*,
100 Gray St., Arlington, Mass.
G. K. PERLEY, *Assistant Secretary*,
15 Ivy Way, Port Washington, L. I., N. Y.

'15 On Saturday evening, October 23, we had our first Class Dinner and Meeting for this year. These men enjoyed a delicious dinner at the new University Club: Clive Lacey, George Rooney, Horatio Lamson, Louis Young, Frank Scully, Max Woythaler, Abe Hamburg, Thayer McBride, Archie Morrison, Marshall (Jack) Dalton, H. W. Brown and the Secretary. This is the first time we have met since that glorious and not-to-be-forgotten ten-year reunion at Cotuit. So, naturally, as we sat around after dinner our talk turned first to recalling pleasantly the memories of those good times. A frequent "do you remember when" was followed by our hearty laughs. The main question was whether John O'Brien did or did not. The jury was out (but not cold) only a short time to decide that John did plenty. Then we swapped experiences and many names were mentioned with brief outlines of where the men are and what they are doing. We were all deeply touched with George Rooney's detailed account of Les Morse's tragic death.

The University Club now offers us an excellent place to meet, and it was suggested that we arrange some evening this winter to go there early and play squash, bowl and have a dip in the tank, followed by dinner and a get-together.

But how can we do this, as attractive as it sounds, if we don't have the enthusiastic and hearty support of all our men? The few men who came to this dinner are the same loyal ones who have appeared regularly at every Boston meeting. They represent nine of the then fourteen courses. We shall try to have one of these loyal fellows from each course get in touch with the other men in his course; so, don't be surprised and don't consider you are being bothered when you get repeated telephone calls urging you to show some of the old 1915 spirit that once helped us to win two Field Days and establish an enviable record as a Class. There must be between fifty and seventy-five of our men within twenty-five or fifty miles of Boston. Surely, with sufficient notice, you can arrange family and business affairs to spare an evening for a big indoor get-together early this winter.

Frankly, fellows, we must all revive our feelings and Class pride. Let not our advanced ages dim our spirits for Technology and 1915.

Frank Scully did well with a hard job while he was Class Secretary. He has resigned the work to me. I shall avoid the sport writers' popular current use of the third person singular, such as "your Secretary" or "your correspondent" and write conversationally. But "Help! Help!" I never did this before so everybody must send in a line telling something about himself. Send it from anywhere, any time! Don't send any stamped self-addressed envelopes for no contributions will be returned. They will be accepted and published.

I plan to see Frank Scully and Howard Thomas soon to get from them Class statistics and dope, and also their assistance on this new job. But that won't be enough. I need yours, too.

We are here, Class of '15. Let's get going and stay going.

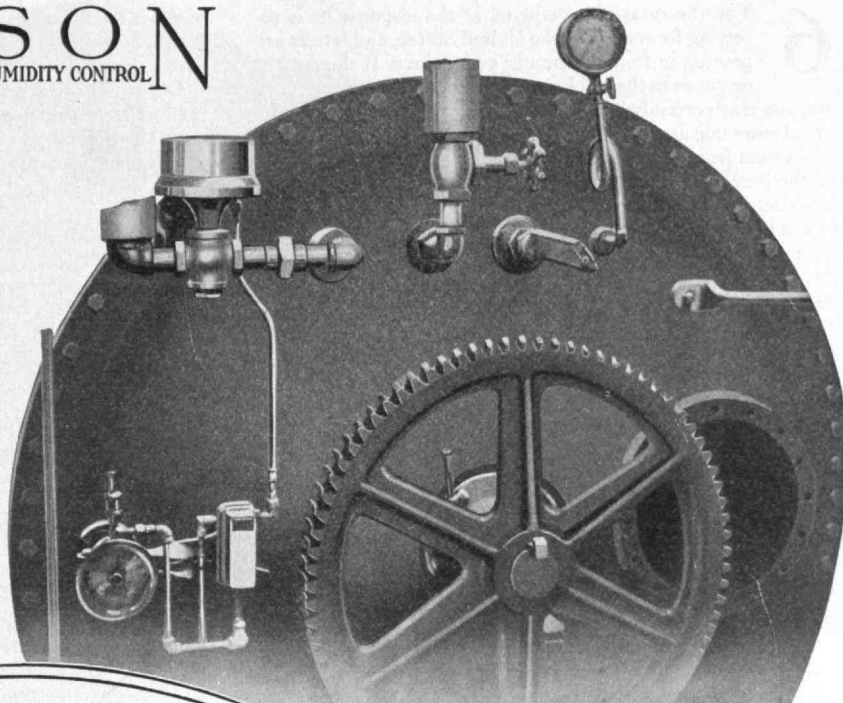
AZEL W. MACK, *Secretary*,
377 Marlboro St., Boston, Mass.

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'16 Your Secretary is overjoyed at the response he is receiving from all over the United States, and letters are pouring in from classmates everywhere. If this hearty response to the call I sent out in the November Review continues, you may certainly look forward to hearing news about your classmates before our next reunion.

One news item from Chuck Loomis is worthy of note. He promptly returned the letter calling for notes sent out from The Review office with a notation in the lower right hand corner "No notes received, I am well and happy."

In order to give a colorful nature to our Class notes, do send in snapshots of yourself and descriptions of the parties. This will be of far more interest than any change of position from one firm to another. It is perfectly obvious that we are all earning an honest living and it only makes the less successful of us feel embarrassed by impressing the fact too strongly that some one of us has forced a hit and is holding down too high a throne in the business world.

May we always feel on the same footing as we did last June, unsteady—but strong in unity. If any classmate in reading these notes, finds any news left out that he sent in, kindly report the fact immediately.

The addresses of your Assistant Secretary and your Secretary are both correct. Do not fear to use them as you see them printed below.

RUSSELL H. WHITE, *Secretary*,
118 Federal Street, Boston, Mass.
CHARLES W. LOOMIS, *Assistant Secretary*,
7338 Woodward Ave., Detroit, Mich.

'17 "I am enclosing a deposit against my Tenth Reunion account and am mighty glad to know that plans are being started for this event of events.

"I notice that the place where we are to spend two or three days has not been definitely decided upon, and I am hastening to advise you that your committee could not possibly choose a better place than the Nashua Country Club. The club house is attractive; the meals are fine; the steward is very friendly and would go the limit properly to take care of the party. There is an eighteen-hole golf course which is hard to beat and we are only an hour from Boston. I really think you should give this location serious consideration. I know that I can fix things with the house committee. I think there is a very definite advantage in the proximity to Boston, particularly due to the fact that the Reunion is to be either just before or just after the 1927 commencement exercises.

"I notice that you have listed me under the heading of 'Amusements.' I do not know whether to take this as a compliment or an insult, but will be very glad to do all I can to make the party a success."

So writes Bob Erb of the J. F. McElwain Company, of Nashua and Manchester, N. H., and Boston. The suggestion for a place is good, but does not happen to meet the specifications of the chief host, who plans a location nearer the geographic center of the 1917 population. Mac McGrady has his plans well under way, and any suggestions for place or date should be made immediately.

Loosh Hill is perhaps the most far-sighted member of the Class. As soon as he heard of the Reunion, he arranged his wedding for this fall instead of next June. He was married to Miss Helen Isham in Chicago on October 18. He is still with the Flintkote Company in the Park Square Building in Boston. Whatever his title there, the office notice forbidding solicitors, beggars, and so on, is signed by Lucius Tuttle Hill.

I. E. Waechter having taken unto himself a Mrs. Waechter, has severed connections with the General Chemical Company in New York and has gone to Florida to engage in a manufacturing business and to act as a consulting engineer, with headquarters at Tampa. Incidentally, it may be of interest to know that his bride is a sister of S. Passell, Course IV, '20.

Enos W. Curtin is now associated with Jackson and Curtis at 42 Exchange Place, New York.

Leon L. McGrady is in the Drexel Building, Philadelphia, and for the next seven or eight months business is secondary to the Reunion with him. He has already talked with a number of Seventeeners and obtained their views. If you have any bright ideas, send them to him direct or to 1917 Headquarters, Massachusetts Institute of Technology.

Our thanks are due to Kirk Day whose name you may have noticed on the Reunion letterhead. He came back to the fold at the time

of the All-Technology Reunion where he made a brief appearance. He is now with the O'Connell-Ingalls Advertising Agency at 100 Boylston Street, Boston.

Deposits have started to come in and will be used to defray the preliminary Reunion expenses. Note that your deposit will be returned in full if you find you cannot attend. Send it to A. P. Dunham, either to 1917 Headquarters, or care of Walter Baker and Company, Ltd., Dorchester, Mass.

RAYMOND S. STEVENS, *Secretary*,
30 Charles River Road, Cambridge, Mass.

'18 We have some happy news to report this month. Mr. and Mrs. William P. Ryan report the birth of a daughter on October 5. Her name is Patricia Anne. — Mr. and Mrs. Robert W. Van Kirk, Jr., report the birth of an eight-pound daughter on October 10. They have named her Alice Frances. — Mr. and Mrs. Lloyd E. Manter announce the marriage of their sister, Mary Hutchins, to Elwood M. Manter on October 16, at Waverly, Mass.

I extend congratulations to the Class of '18 to all the above people and wish them much joy.

Will the two following 1918 men please send me their latest addresses: John W. McCausland and Haigh H. Sarafian. Thank you.

We had our monthly luncheon on October 11 this time. There were nine present. The principal matter of note was a discussion of Technology's enrollment, what Technology men do after graduation and undergraduate activities. We hope to procure a speaker for the next luncheon.

I heard from Art Windle recently. He is still at 88 Wall Street, Corning, N. Y., with the Corning Glass Works. He reports a good time at an outing of the Technology Club of Rochester last summer. He understands that this club has a good attendance on all such occasions. George Hutchings surprised Art one day in early summer by calling with his bride. They were en route to Florida. As far as we know, George and his wife outlived the recent hurricane.

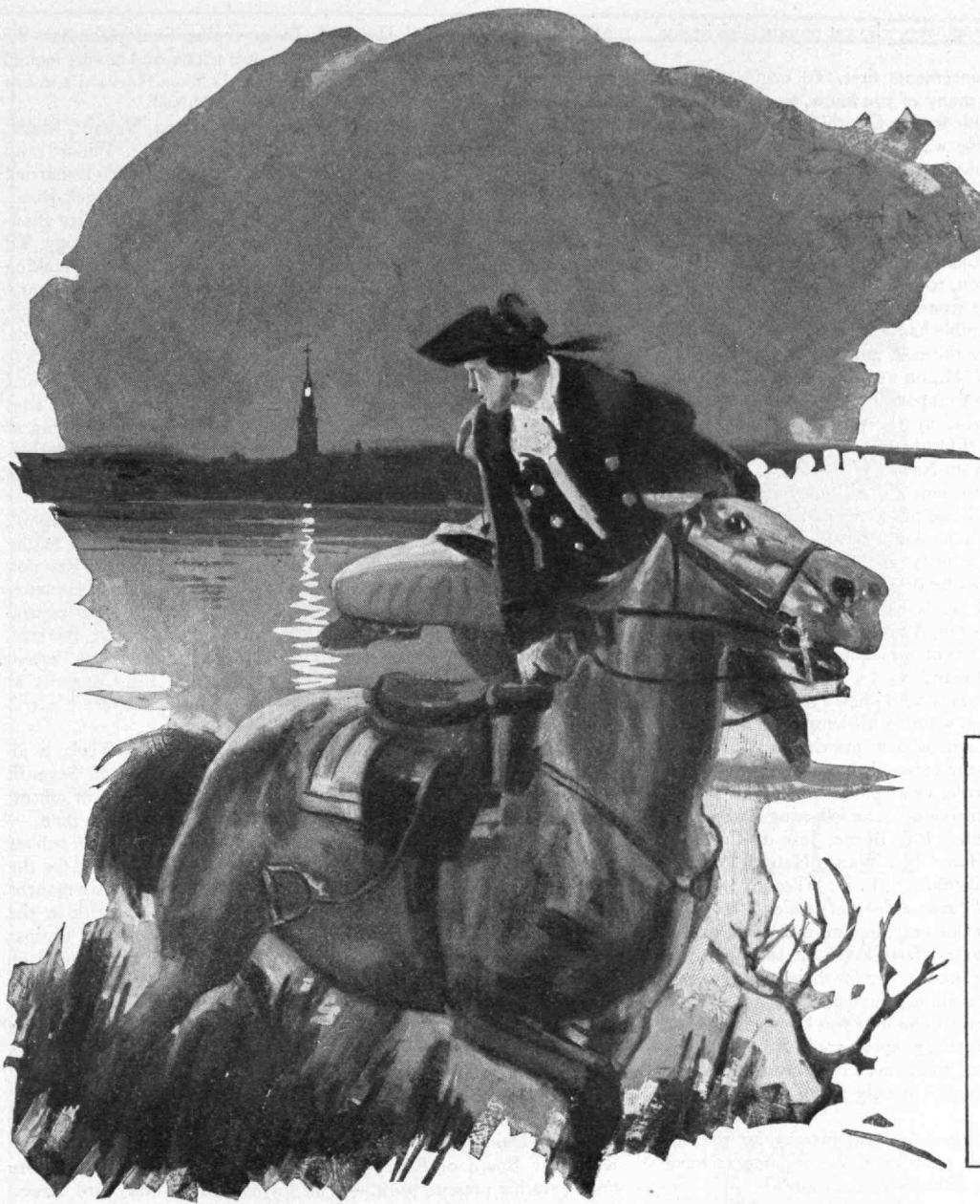
Paul Howard wrote, on October 13, as follows: "As promised, here are a few notes covering members of 1918 whom I've seen this summer. I met Lovejoy Collins at the Radio Show. He has just taken a selling job with the Sampson Electric Company and is to cover northern New England. His brother Harold, also Class of '18, has just left for some town out in Illinois, Rockford I think, to take a new job there. He has been around Boston ever since school. — I heard that Hoyer, XV, is with Packard at Detroit on production work. — I met Earl Collins at 11:30 last Monday morning. He said he was on his way to the luncheon but he must have got lost. — I had the very great pleasure of entertaining a lady friend of Pete Strang's for a day this summer. She was on her way from Spartanburg, where Pete is located, to the White Mountains."

Although it is only October when I write these notes, I realize that it will be only a few weeks from Christmas when you folks read them. So here is a wish that you all enjoy a very merry Christmas.

RAYMOND P. MILLER, *Secretary*,
Room 3-210, M. I. T., Cambridge A, Mass.

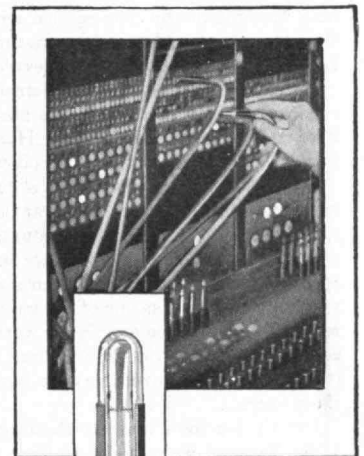
'19 No notes have been received by The Review Editors from the Secretary of this class for inclusion in the December issue. The Secretary received the usual notification that copy was due, accompanied by such news as had been compiled in The Review office. Members of the Class having news or inquiries should address them to Paul F. Swasey, Box 1486, Boston, Mass.

'20 Now that I've at last sat down with a blank sheet of paper before me to dash off these contemporary annals of the activities of the sons of '20, I find, upon painstaking search of the Secretary's "files" (consisting of the wife's bureau drawer, closet shelf in guest room and the innermost depths of the music cabinet), the magnificent total of one letter and two wedding announcements. This constitutes the complete influx of mail from classmates since June last. Now, I could make up some anecdotes which might prove entertaining, even if without foundation, but realizing that we have been trained to love, honor and obey truth above all things, I hesitate lest my vapourings



A Paul Revere Signal

.....every time you telephone



The switchboard lamp, delicate yet rugged. With a filament one-sixth as fine as a human hair, this lamp is so well made that it is good for a hundred years' service.

The signal lamp in Old North Church flashed its message to Paul Revere. So the lamp in a telephone switchboard signals the operator when you lift the receiver off the hook.

This tiny switchboard lamp, with over ten million like it, is a vital part of the nation's telephone system—a little thing, but carrying a big responsibility. As your representative at the telephone exchange

it instantly summons the ever alert operator to answer your call.

Making these lamps, millions of them every year, is one of the many Western Electric functions. From lamp to switchboard, every one of the 110,000 individual parts must be carefully made and fitted together to do its share in the vast telephone plant—a manufacturing job unequalled in diversity and intricacy.



Back of
your
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Western Electric

SINCE 1882 MANUFACTURERS FOR THE BELL SYSTEM

1920 Continued

be taken literally by the few odd engineers who yet remain such in our Class.

Let's take the wedding announcements first. To begin with, of course, there's Norrie Abbott. As many of you know, good old Norrie no longer remains a shining example for the fast-thinning ranks of the bachelors to point with pride. He was married to Miss Elizabeth Whitman, of Worcester, on October 29. They will be at home after January 1, at 111 Everett Avenue, Providence. I am sure the entire Class joins me in heartiest congratulations and felicitations. Bob Mitchell is the other blushing bridegroom of the season. He was married to Miss Betty Ramsay, of Cambridge, on September 18. Congratulations and best wishes to you, too, Bob.

I have a most interesting letter from Bunt Murphy dated August 20 which I quote in full: "The 'ramble hanker' has me, and most suddenly and unexpectedly I'm off for the east, my beloved east, again. I've been working in Littleton, N. H., on a special social survey this summer and returned a week ago to report. On my arrival there was an offer to go back to Syria to head up the work with the children placed out of the Near East Relief Orphanages — some 5,000 in all. I accepted and am setting forth from New York on the *S. S. Canada* on September 1. Don't you want to come along? Please give greetings and salaams low and deep to the Class of '20 for me." Address Near East Relief, Beirut, Syria. Bunt will no doubt continue to carry on his wonderful service for suffering humanity as cheerfully and modestly as before. He is a man we may well be proud of.

Professor Locke of Course III sends us the news that Clarence Syner is now the proud father of a son, Alan Lincoln, born on August 15. It is difficult to think of Syner, one of our leading globe trotters and adventurers, as a staid old family man.

For the benefit of the many '20 men who knew Herb Young '19, I can spread the good news that he is winning his long fight against illness brought on by war service and is now married and living in Pasadena, having bid good-bye to the veteran's hospital at Maywood, Ill., where he was confined for several years past.

Can any of you tell me the whereabouts of the following classmates, reported missing in our address files: Phil Byrne, Jose de Castilho, Francis Sears, Charles Smyth, Han Chen Wang, Harold Peebles, Feng Chang Tsu, Robert Van Volkenburgh, L. D. Wilson.

One more request that ought to bring a flock of replies. *Technique* wrote me the other day to say that this year they were going to have a special section on celebrated graduates. They asked me to submit the names of the three '20 men who are outstanding for their achievements together with a brief note on their main accomplishments. What have you done or what has one of the gang done that you know about that will enable me to see that '20 is worthily represented? No false modesty now. Tell me what you've been doing, even if you don't consider it important. You owe it to the bunch, if only to supply fodder for these notes.

It isn't too soon to start thinking about and planing for the big Class Reunion we're going to have next June. We're going to have just as good a time as we had at the Fifth. Need I say more?

HAROLD BUGBEE, *Secretary*,
9 Chandler Road, W. Medford, Mass.

'21

Although this is only October when these notes are written you should read this at a time when merry Christmas and New Year's greetings fill the air. The Secretary would like very much to receive a Christmas missive from you with just a few lines telling what's new.

In the November issue you read about a number of those who were at the Reunion. Here's some more first hand information collected by Charlie O'Donnell, II, while the rest of us were enjoying ourselves. I believe Charlie enjoyed himself but official responsibility keeps one dignified and occupied. So here goes on what Charlie collected.

H. A. Wexler, I, Coolidge Avenue, Natick, Mass., is manager of the Corrugated Paper Mills in Natick. Wex spent six months in 1921 locating and was with the United States Coast and Geodetic Survey for a time. In 1923 he accepted a position climbing the ladder with his present concern and is still climbing. In June Wex was not married but hoped to be soon. — Joseph M. Lurie, X, 30 Jamaica Way, Boston, is a consulting chemist working out hard problems with Bigelow, Kent, Willard and Company, consulting engineers in Boston. Joe was with the Boston Belting Company and Research Laboratory of Applied Chemistry at the Institute before joining his present concern. Yes, Joe is married. To prove it he brought his wife to the Reunion. — Dr. R. H. Smithwick, III, 483 Beacon Street, Boston, is a surgeon at the

Massachusetts General Hospital. In arranging final plans for the Reunion I had to talk with Reg between operations, and he sure looked like what he is. In 1925 Reg received his M.D. from Harvard and has been at the above hospital ever since. Married? No!

Andrew Jensen, Jr., XV, 191 Little Nahant Road, Nahant, Mass., has been an industrial engineer with Bigelow, Kent, Willard and Company, Inc., in Boston, since graduating in 1921. Jensen is married and they have one child. — Edwin F. Delany, I, 12 Warwick Road, Brookline, Mass., is in charge of engineering work for the City Planning Board in the City Hall, Boston. Since leaving Technology, Ed has been with the New York and Boston Edison Companies, making appraisal surveys. He was later with the United States Coast and Geodetic Survey, then with the Pennsylvania Railroad in Chicago, and after that contracting in Chicago until taking up his present work. He hasn't left the single ranks as yet. — John L. Vaupel, I, 1930 Beacon Street, Brookline, Mass., is a structural steel salesman and estimator with the A. O. Wilson Structural Company, steel contractors and erectors in Cambridge, Mass. Jack is as good looking as ever. He was a salesman in the structural department of the Bethlehem Steel Company in Pittsburgh, Buffalo and Boston before making his present connection. Jack is married.

John T. Hull, II, is manager of the trading department of Hemphill, Noyes and Company, 50 Federal Street, Boston, buying and selling securities. Can you believe it, Johnnie didn't show up at the Reunion 'till Sunday. Yes, he is married. — Albert E. Povah, II, 8 Appleton Street, Watertown, Mass., is a mechanical engineer in experimental design with the United Shoe Machinery Corporation at Beverly, Mass., and is not married. — Kennedy Pope, XV, 20 Mount Vernon Street, Boston, is with the New England Tel. and Tel. Company at 245 State Street, Boston. Ken was formerly with the Western Electric Company. Married? No!

Whitney K. Avery, II, 108 Washington Place, New York, is an engineer with Holmes Electric Protection Company, 370 Seventh Avenue, New York. Whit's work consists of construction of offices, plans, specifications, estimates, and so on. Another single man. — Josiah D. Crosby, X, 15 Oliver Street, Somerville, Mass., is rubber chemist and technical supervisor of soft rubber mechanicals, for the Hood Rubber Company at Watertown, Mass. Josh spent six months with the Massachusetts State Department of Public Health in the engineering department, chasing down various complaints against water supplies before joining Hood Rubber Company. Another man still single. — Frederick W. Binns, X, 143 Brook Street, Wollaston, Mass., is a chemical engineer and research chemist with the Virginia Smelting Company, 131 State Street, Boston. Fred has charge of the development of new uses for this company's products. Fred is married and has two children.

Robert F. Miller, 140 Ravenwood Avenue, Rochester, N. Y., is assistant secretary of the Rochester Chamber of Commerce, 55 St. Paul Street, Rochester. Bob is not married. He was an engineer with the Rochester Board of Education and the Pfaunder Company before taking up his present work. — Phil Payson, II, 12 Maynard Street, Arlington, Mass., is a sales engineer with the Boston office of S. K. F. Industries, Inc. Phil worked for Saco-Lowell and Ames Iron Works before joining S. K. F. with whom he has been for three and one-half years. Phil was married on April 9, 1924. — Lawrence D. Chellis, II, 230 Preston Street, Ridgefield Park, N. J., is a registered professional engineer of New York State, doing consulting engineering work at 402 Madison Avenue, New York. Larry lays out plans and specifications on power piping work in power and industrial plants, and so on. Before going in for himself, Larry was outside superintendent, designer and resident engineer for C. R. Place, consulting engineer in New York.

Benjamin Fisher, Jr., II, Marsh Street, Dedham, Mass., is assistant to the superintendent engaged in production and cost work for the Lewis Manufacturing Company, Walpole, Mass. Ben attended the Harvard Business School from 1921 to 1923 and received his M.B.A. degree. He was then with Lybrand, Ross Brothers and Montgomery, accountants and auditors, until he joined the Lewis Manufacturing Company in 1925. Ben is single. — Bruce F. Rogers, X, 167 Washington Street, Norwich, Conn., is with the United States Finishing Company, dyeing and printing cotton fabrics. Bruce has been with the above concern since 1921 and has done every job in the plant, not excluding sweeping the floor, and is now in the office with occasional work on solicitation. Bruce says he is not married and has not even taken out first papers. — William H. Leonori, Jr., III, Smithtown, Long Island, N. Y., is a salesman selling steel of every description for William H. Leonori and Company, Inc., 30 Howard Street, New



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The work done by these tiny, mighty little seals has helped to cut the tuberculosis death rate by more than half.

Seal every parcel, letter and holiday greeting with Christmas Seals. Give health—and feel the joy that comes with the giving of man's greatest gift to his fellow man—healthy happiness now and for years to come.



1921 Continued

York, Bill is not married, but says while there's life there's hope. Bill has charge of sales in upper New York State.

R. A. St. Laurent, X, 431 Oliver Street, Whiting, Ind., is in the technical division of the sales department of the Standard Oil Company of Indiana, and is at 910 South Michigan Boulevard, Chicago, Ill. For a year and a half he was with Arthur D. Little, Inc., in Cambridge. His first work with the Standard Oil Company was to spend six months learning about the manufacture and use of petroleum products after which he had charge of sales training classes for a little over a year. At present, Ray has charge of the development and improvement of lubricating and specialty products of the company. He was married on June 1, 1924.

This covers all the information secured at the Reunion. If there is any one who was present and whose name has not been covered in this or the last Review, we are very anxious to know so that our records of the Five-Year Reunion may be complete.

R. A. ST. LAURENT, *Secretary*,
431 Oliver Street, Whiting, Ind.

CAROLE A. CLARKE, *Assistant Secretary*,
Northern Electric Co., Ltd., 121 Shearer St., Montreal, P. Q., Canada.

'22 This month you will observe is a perfectly riotous improvement over last. Anything at all would have been an improvement, but it is encouraging to see so many smiling faces in the old pews after the débâcle of November. Our eye glinted when we assured every one that there would be no notes if the Course Secretaries failed to respond. However, since this threat had not been published at the time when the November notes were due, we suppose our own ferocious tone cannot be given the credit for the revivification.

Not only are such lights as George Holderness with us again, but such infrequent, although highly valued contributors as F. J. Laverty, the gifted young sanitary engineer. There must have been something particularly persuasive in the letters calling for these notes which makes the situation all the more interesting, inasmuch as we were out of town and did not write them. Perhaps we have hit on a sure method of increasing the secretarial volume.

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Life remains quiet at the Institute. There have been no more globe trotters of the mild or rampant imagination of Charlie Roll. As a result we have been sitting very quiet with our knitting and have both arms of the sweater almost completed, thank you.

The only item of vital statistics for presentation this month is the announcement of the marriage of Miss Dorothy Charnley Breingan to Charles Yardley Chittick on October 14, at East Orange, N. J. The ubiquitous but unfailing sincere good wishes of the Class will follow Mr. and Mrs. Chittick much further than East Orange if necessary.

It was a pleasure of your Secretary, in company with Bob Russell (now grown so affluent from royalties on Haslam and Russell's "Fuels and Their Combustion" that he now pays Alumni dues, reads the Review and is otherwise an unexceptionable citizen), to spend an evening in the company of Turner Harding, the well-known Course X flow-of-heat wizard. Turner continues with the National Tube Company in Pittsburgh, and both Turner and tubes flourish amazingly, as we can well imagine.

A few days ago the Secretary learned for the first time of a serious accident to Tom Gill last July. At one of the plants of the Clainteed Corporation where he was supervising, a wrecking bar slipped from the grasp of a carpenter who was removing some concrete forms from the outside roof beam about sixty feet from the ground. It struck Tom a glancing blow, but it was enough to send him to the hospital for three weeks with a fractured skull. It was not until October 4 that he was completely on his feet again. Fortunately all ill effects have completely disappeared, and Tom is his accustomed self again.

ERIC F. HODGINS, *General Secretary*,
Room 3-205, M. I. T., Cambridge, Mass.

COURSE II

With hardly anything with which to make copy, other than the small town gossip that a marauder stole Hiram Young's apples last Thursday night, I set myself to the pleasant task of communicating the Course news to its silent members. As a virtue, silence is golden, but it is difficult to make the small space we occupy appear cramped with an absolute nothingness of news. The most effective way to get a rise out of some of the more touchy members seems to be to send in spacious notes commenting on their character, actions or associations. In this respect I'm handicapped inasmuch as Heinie, the most noble Field Secretary, is not in Course II. On a recent visit to the Institute I found it practically closed with the honorable Gensec doing Europe, en tour, en suite, en steerage and sans sobriety (I hope). We can look forward to a general description of life on the continent from him, but to ask for a detailed description would, no doubt, prove embarrassing.

Our honorary member, Miss Carpenter, has married and resigned. Although we regret to lose her active coöperation, we all join in our best wishes for her future happiness.

Not having ventured above the second floor, because Bob Hull's "struggle cart" was pawing the riverway, I cannot report further on the state of health or otherwise of our erstwhile faculty members. Sorry!

The notes personal are limited to two members who, marooned in this city of plenty, wealth, frivolity and business, did me the favor of searching out the pseudo-engineer of the Crew Levick Company. Lewis Hill left his card for me but, as he was unable to wait, I missed the pleasure of seeing him in the flesh (I doubt if he is any fatter than when last we met). Sorry, Lewis. Anyhow, don't give up, but try me again and I may be able to shake one for you. As we said before

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1922 Continued

Lewis may be found at the Hyatt Roller Bearing Company, 1352 Union Trust Building, Pittsburgh, Penna.

It was a shame that we were not represented in the last issue, but we always have the pressure of business to fall back on for an alibi. However, excuses are no substitute for notes and from now until reunion time let's let the other boys in on the knowledge. Make Titusville the clearing house for Course II and keep the dirt out of Heinie Horn's hands.

JOHN E. SALLOWAY, *Secretary*,
Y. M. C. A., Titusville, Penna.

COURSE IV

The melancholy days are come, the saddest of the year, and this business of playing Secretary is not the snap that it might appear. What with serving forty classmates who are either dead or *non compos mentis*, and what with being ruled a fire hazard by the Board of Underwriters for our terrific speed on the Underwood, the secretary business has fallen upon evil days.

Our present plan, in spite of the epidemic of writer's cramp which has laid our classmates low, is to continue writing these letters which purport to chronicle the activities of the above lamented group. Those paragraphs which are pertinent to the nominal subject are becoming more and more infrequent, and the time is not far away when you will be able to go through our letters with a fine comb and find nothing even remotely concerning Rogers or any of its erstwhile loyal and optimistic alumni.

But come, come! Don't cry and make a scene, for things are really not in such a bad way. There are at least two of the old classmates who have moved into these corporate limits since the last letter, and there are two who have flown the coop for other parts, which gives us something to write about, and then we have a brand new typewriter with asbestos cylinder and overhead sprinkler system, which entitles us to a clean bill of health from the board of underwriters and the sheriff. We may be able to save the old farm after all.

We come now to the pleasure of welcoming new members to our midst, either by letter or by profession of faith. As their names are called they will please come forward and occupy the front pews. Both of these gentlemen have been with us before and are well known to the congregation.

First of all is G. Piers Brookfield, Duke of Halifax and Bluenose Extraordinary, who has long wandered in the darkness of continental Europe, for two years in fact, and who now returns to the good old U. S. A. where a fellow can get a bath when he needs it and a good piece of mince pie for breakfast. Mr. and Mrs. G. P. Brookfield are establishing themselves in an apartment out in Kew Gardens, Borough of Queens, and state that they are going to settle down and try to be good New Yorkers again.

And next we welcome Henry McAlpin Schley, who at one time essayed his luck with certain architectural firms in this city, and who now, after a long absence, comes to us a by-product of Florida deflation, seeking the aesthetic and financial culture in which New York is known to abound. Little Orphant Slick has come to our house to stay, and in the evenings he is going to tell us bedtime stories about real, live alligators, 'n real estate sharks, 'n everything. And during the working hours of the day he is going to spend considerable time on the top floor of the Pershing Square building, giving a sort of Coral Gables touch to such jobs as might from time to time fall to the office of York and Sawyer.

And now that we have piped the new blokes in, we have the surprise of your life for you. You remember Baldy, don't you — Little Howard Frazier Baldwin? Well, believe it or not, and we wouldn't tell you if we didn't know it to be true, Baldy has gone and got married. Our Baldy, whom we can see at this very moment standing on a soap box at his drafting table in Rogers and manfully attempting that high note in "Lord Jeffery Amherst"! And when Baldy marries he marries in style, which, in this case, means a hop across the Atlantic for the appointed rendezvous with his prospective bride in Paris, the customary wedding ceremony in that city, and a European sojourn for a honeymoon. Mrs. Baldy was born Miss Rachel Rainey, and, inasmuch as we once had the pleasure of meeting the young lady, we can state with confidence that the bridegroom is a man of discernment and good judgment, and no mean shucks as a picker — which is intended to be saying a great deal. We regret to announce, however, that Mr. and Mrs. Baldwin have decided to make their home in Baltimore, the home of the bride, where Mr. Baldwin has accepted a lucrative offer, and where the best wishes of their many friends will follow the happy pair.

And that is not all. H. Ross Wiggs, who spent three years at Rogers,

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1922 Continued

drawing scale figures for other people's projects, and Billie, his much better half, have pulled stake and departed the country completely. Up to the time of his exit Ross had been for a long time with H. T. Lindeberg, and probably would be there yet if he had not developed to the point where he wore a blue collar with just a wee bit more verve and dash than his employer. After all, this is not quite the right attitude toward one's employer, is it? — At any rate, tempus is certainly a fleeting commodity. It was four winters and four baseball seasons ago, and yet it seems but one, that Ross was still buying only men's clothes, and we occupied together the second floor, front, in Violet Ferguson's sumptuous establishment on Riverside Drive. (Quebec and Pine Bluff papers please copy.) Being of the same age, to a day, and possessing a mutual weakness for whistling while shaving, we fared well together until that fatal day when the provincial welkin rang with the glad tidings that the ancient houses of Watson and Wiggs were joined together. Came the dawn, and with it another day, which was our cue to move to the Technology Club, where we'll shoot you a game of pool any time you say.

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After the above-mentioned nuptials, Ross and Billie lived in New York for three years, but were gradually moving back to Canada. Starting in Greenwich Village, they made the big jump to the Bronx in one leap, from where, after a residence of two years on University Heights, it was a simple trick to hop the remaining distance to Montreal. Ross is now with David R. Brown, of 285 Beaver Hall Hill, and reports pleasant surroundings and interesting work, and the reassuring circumstance that his new boss wouldn't wear a blue collar on a bet. We hope to go up this winter and teach them a few things about skiing and other manly arts.

For the sake of the author's modesty, if for no other reason, this letter is going to be brought to a close shortly. Considering the total absence of affidavits and other certified reports regarding the classmates, we feel that we have covered considerably more ground than the facts warranted. But having writ we must move on, for, as the Archbishop of Canterbury once said, and as only the Archbishop of Canterbury could say, it is a wise bozo that knows when to pull in his ears.

GEORGE S. HOLDERNESS, *Secretary*,
17 Gramercy Park, New York, N. Y.

COURSES VIII AND IX

A few months ago I mailed cards to about sixty-five members of Courses VIII and IX. So far nine replies have been received and two cards returned. Notes for Courses VIII and IX are due once more just before Christmas and I am hoping that many of those who have received requests for notes will come through with some real dope.

One of the first to write was Louis Caldor from New York City. He appears to be somewhat concerned with traffic for the department of designs of the Board of Transportation of the City of New York. During the summer, he confesses to a concentrated consumption of dark brown, double-malt, sixteen-point beer—no, not in New York but during a short trip to France, Switzerland and Austria. If anybody contemplates a European visit, be sure to consult Louis as he has first-class information on the steamer routes down the Danube River!

Miss Anne G. Kyle has written me regarding the death of her brother, Lieutenant James R. Kyle, at Lakehurst, N. J., on May 22, 1925, of which I was unaware. No doubt, many of The Review readers recall this unfortunate aeroplane accident but few realize that Lieutenant Kyle attended Technology. Only three weeks before he and Lieutenant Schildauer piloted the seaplane *PN-9*, which was later piloted by the late Commander John Rodgers on the San Francisco-Honolulu flight on her record-breaking endurance flight of twenty-eight hours and thirty-eight minutes. I wish to take this opportunity to express to his bereaved family the heartfelt condolence of the Class of 1922.

Miss Mildred Allen, of West Roxbury, Mass., is at Yale studying modern electrodynamics and the theory of relativity. Miss Allen studied two years at Technology and in 1922 received her Ph.D. from Clark University. During the intervening period she taught physics at Wellesley and Mount Holyoke Colleges.

Billy Huger is putting Craftex-over strong down in Atlanta, Ga. Billy is right at home now as you know he never did become accustomed to the snow storms of Boston.

THOMAS H. GILL, *Secretary*,
5634 North 12th St., Philadelphia, Penna.

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NINETY NINE - MILK STREET - BOSTON

1922 Continued

COURSE XI

Warren Howland has left the Connecticut State Department of Health to become an assistant in Sanitary Engineering at Purdue University at West Lafayette, Ind.—Almquist has resigned his position at Little Falls to carry on the good work at Hartford.—Dan Moynihan, now the proud father of a son almost old enough to study vital statistics, is with the Structural Gypsum Corporation at Buffalo.—Since January 1, I have been with the Westchester County Sanitary Sewer Commission with headquarters at White Plains, N. Y.

F. J. LAVERTY, *Secretary*,
150 So. Broadway, White Plains, N. Y.

COURSE XIII

The fact that a whole summer can pass without any one making a move of magnitude convinces us that our group is becoming more and more stabilized. This is somewhat of a shame, for the nautical strain which used to dominate our thoughts and instincts fostered many embryonic globe trotters and wanderers. But here we are looking forward to the Five-Year Reunion next June with at least seven out of nineteen happily married and undoubtedly solid citizens, and the rest no less solid but in the happy single state.

The one outstandingly pleasant feature of the summer was a glimpse of J. Alan Bowers of Buffalo who came to Elizabeth for his vacation in his old faithful Mercer. The pump business still claims the most of Alan's time, but he ventured the hope, which we candidly second, that he might be in New York ere the coming of another summer.

This boy Howe writes a very respectable and complete letter. When preparing the last notes it had been received, but I was unfortunately unable to locate it. Here is an entrepreneur of the first order, an owner and builder of residences with a daughter to be proud of.

The honorary member of the Course, one Peggy Pierce, deserves mention here because she has been reporting to the Secretary frequently and, in fact, whenever she comes to New York. Peggy is a buyer now for the house of C. Crawford Hollidge in Boston and on her rests the responsibility of selecting the toilet articles to be placed on sale in that great emporium. This brings her to New York every few months.

I note with some concern, on checking over the list of our friends in the Course, that it has been some time since any sort of report has been heard from Chase, Marsh, Newhall or Maling. Of course, it is partly my fault, for I should write to those people, but, nevertheless, if any one else knows where they are, I would certainly like very much to know.

As for myself, there is comparatively little to be said. The same office, the same residence and about the same for everything except, as usual, a little older.

C. FORD BLANCHARD, *Secretary*,
Moody's Investors Service, 35 Nassau St., New York, N. Y.

'23

There doesn't seem to be much news this month. Perhaps nothing of any importance has happened to any of the gang, but I think you fellows have failed to keep us informed of all the events. Jim Robbins dropped into the office the other morning. Jim is still at Washington working for H. P. Converse but came home for the week-end. He was going to write up a little news for this issue but his attentions evidently were absorbed elsewhere. Poor Jim! From his actions and explanations of his week-ends in Belmont it looks as though he — well I guess we had better wait and let Jim say it.

I understand that Bill La Londe has left Los Angeles and has joined the instructing staff of the Nebraska Engineering College in Lincoln, Nebraska. Bill is to be connected with the Civil Engineering Department.

Word arrived a short time ago that Bondie (H. L. Bond) was married in September, 1925, to Dorothy Gere of Northampton, Mass. Then, who should I bump into the other day in the Cambridge subway but Bondie himself. He is looking prosperous, having gained about twenty pounds. A card with his name on it also bore the inscription "Field Engineer, National Fire Protection Association," 40 Central Street, Boston.

Bert McKittrick informs us that Roger Cutting, Course II, is selling steam piping for a Boston concern. — Harold Gray would like to hear from you, Rog, drop him a line. — Charlie Mongan sailed on October

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1923 Continued

2 from New York for Zurich, Switzerland. Charlie has been at the Institute in research work since graduation, and he is now going to spend a year with Professor P. Debye, the eminent Swiss chemist, at the Technische Hochschule at Zurich. Great stuff, Charlie! — Miles Pennypacker, VI-A, is still in Cambridge. I understand he now has the title of assistant general manager of the Raytheon Manufacturing Company. — It is rumored that C. H. Green is married, but all details are lacking. — We haven't heard a word directly from Isadore Robinson, I, since graduation. A slip from the Alumni Office, however, states that he has paid his dues for this year and is residing in the Bronx.

Before turning this column over to Harold Gray, I want to urge you all not to forget our Class Athletic Fund. I had the opportunity of witnessing the first cross-country race of the season, October 23. It was a dual race with Holy Cross and the boys certainly acquitted themselves handsomely. Four finished tied for first place, and three others finished before the first Holy Cross man. The boys have the proper spirit, all they need is a little cash. Let's help them out.

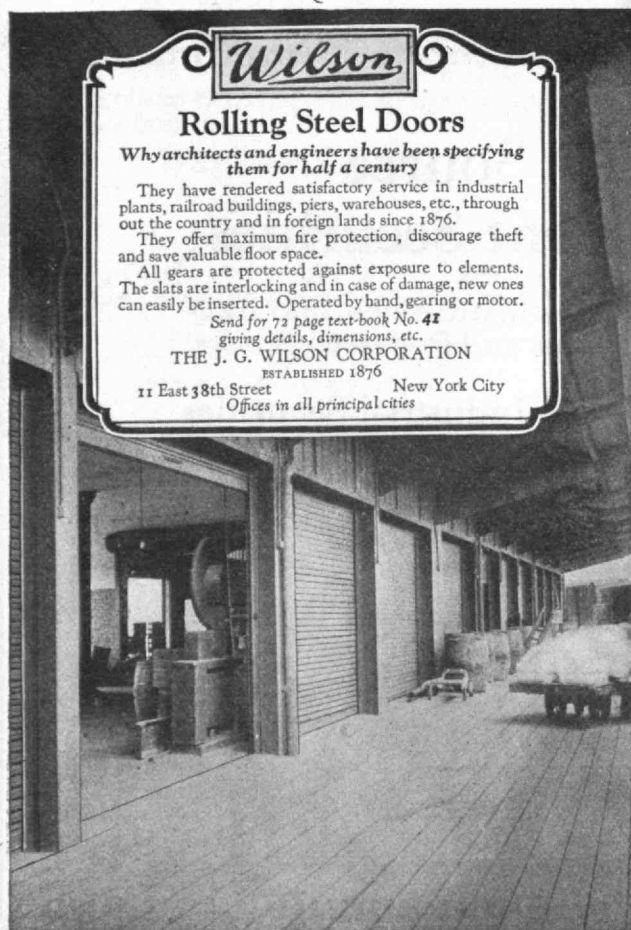
ROBERT E. HENDRIE, *General Secretary*,
12 Newton St., Cambridge, Mass.

COURSE II

The replies that I received from the letters sent out in September have been fair but not as yet 100 per cent. I want to hear from more of you. If, by any chance, you did not get a letter, the reason is that I haven't your latest address, so I will be much obliged if you will send it to me.

Perhaps the shortest answer received was in reply to my letter addressed to Pau Ling Tsing, Post Office Box 91, Schenectady, N. Y. The answer was brief and to the point. Written on the face of the envelope were the words, "returned to writer, laundry closed." Perhaps this doesn't hit your funny bone, but it sure did mine.

The first reply came from Louis Greenblatt. He is still living at home at 590 Beach Street, Revere, Mass., is still single and is working for the Industrial Development Corporation of Salem. He has the same thing to complain about that I have, namely, that he rarely runs into any Course II men.



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Alfred Perry writes us from The United Construction and Engineering Company in Florida. He has been in St. Augustine for two years, living there both through a boom and a hurricane. He says the boom hurt him more than the hurricane. I wonder what he means? Who ever heard of an engineer having money? He wants Eddie Wellings' address, and I haven't it. Can any one supply it? Perry's home address is 154 St. George Street, St. Augustine, Fla.

I have a long letter from George Johnson, who is still located with the Travelers Fire Insurance Company, working out of Boston. George writes that he sees Edward occasionally at the Chamber of Commerce cafeteria, and he also wants to know John Wineman's address. Who knows? I don't.

I received a typical letter from A. F. Flowney, down in Monroe, La. You remember him, don't you? He was the fellow who was always telling about trying to kill turtles down there by cutting their heads off. According to Flowney, when they did this, the body would die, but the head would continue to live and fellows down there were afraid to walk around barefoot because the loose heads lying around in the grass would bite them. Nice honest boy! He has just severed connections with the firm he is working for, and is looking for something else. He also writes that Louisiana is the best part of the country to live in, which is a line we've all heard before.

A letter from Foster Perry comes from Springfield, Mass. Perry, at the present time, is assistant to the Vice-President in the Manufacturing Sales Division of the American Bosch Magneto Corporation. I don't blame him for being well satisfied. His home address is 893 Chestnut Street, Springfield, Mass.

H. C. L. Miller, Jr., is with the Power Specialty Company at 111 Broadway, New York. This is second-hand information and I'd like some first hand. Please page Miller. — Howard Russell carries a card around now with his name over the names of two fire insurance companies. I'd like to run into Howard again. He's a mine of information, but as a correspondent is not so good. — I got a mighty nice letter from Herbert Hayden from Canton, Ohio. He says I've got to come down to see him in order to get the dope, and I sure am going down.

My next letters came from Colorado. Now here is a good one. I quote the following direct from a letter from Richard Ferguson. "What is The Review, and how do you get a copy of it?" Better show this line to the circulation manager. Ferguson wants to hear from Arthur Edwards and Algy Flowney. I'm giving him Flowney's address but evidently I don't know where Edwards lives because he didn't answer my letter, and so of course he didn't receive it. Ferguson is working as an engineer for the Great Western Sugar Company and can be reached at 2637 Ash Street, Denver, Colo.

Still another letter from Colorado. A. L. Hill, Box 83, La Port, Colo., is working for the Colorado Portland Cement Company, as assistant superintendent of construction. Art has been with this firm since graduation and is enthusiastic. He seems to be one of the few who are holding down real engineering jobs.

One more letter from Colorado from W. A. Peabody, who transferred from Technology to the Colorado School of Mines. He would be glad to hear from anybody in the East who can give him information as to the salaries and opportunities in research chemical work.

I suppose that since my address is given as the Vitreous Enameling Company, a word about myself would be in order. I am still superintendent of the plant and when I think of some of the courses I took at the Institute, I wonder. Had I had a course in sign language and profanity, I'm sure it would be helpful, but you'd be surprised to see how well I've been getting along without that course. The brilliant English that I used to use is entirely wasted on the desert air and those problems that I used to do in higher mathematics, and so on, were apparently just as much wasted as the English. As long as I can count up to a hundred I still seem to be able to take care of all the math on this job.

I think this is all for now, and I'm closing but I just want to say once more that I'd like to hear from more of the gang. First, I want to get material for The Review, and second, they are my friends and I'd like to hear from them. I'll take this opportunity, here, to thank all who have answered my call for news. The rest of you fellows dig out the old fountain pens and let me hear a bit about you.

HAROLD B. GRAY, *Secretary*,
Vitreous Enameling Co., Grant Ave., Cleveland, Ohio.

COURSE XV

A few XV men have been doing things recently of enough note to warrant mention. Most of the information available is hearsay, how-

1923 Continued

ever, but as this is a sort of gossip column the following notes ought not to be out of place. I am proceeding, therefore, in alphabetical order.

It is reported that Elliott Adams is in Texas, working for the Massey-Harris Company of Toronto.—Brink made an auto trip across the country this summer, hitting many of the national parks en route.—Deming, located for a time in San Francisco, is now back in Boston. I have no dope on what he's doing.—Ferg, while in New York recently, called up Waldo Fox who was able to give a good account of himself. Waldo is the proud father of a baby daughter.—Sambo Gordon is reported to be engaged. Further details are lacking.

Apparently Kitty Kattwinkel has found engineering a cold and colorless profession as he is reported to be now attending Harvard Medical School. Speaking of Harvard, its Graduate School of Law matriculated a '23, Course XV, hombre this last June, namely and to wit, George Henry Southard, III, S. B., L. L. B. George passed the Massachusetts Bar exams and now is a full fledged solicitor. Now it's up to some member of this Class and Course to enter Harvard Divinity School.

Walt Metcalf has taken up sales engineering work with the Arco Vacuum Company, a subsidiary of the American Radiator Company.—Hal Niles went to Texas a while ago with Stone and Webster, but is recently back from El Paso and now with the Associated Gas and Electric Companies of New York.—Al Redway was married to Dorothy Bryant at Ansonia, Conn., on October 23.—George Rowan has been transferred from Boston to the Chicago branch of the Sullivan Machinery Company.—Jack Storm, who was in Houston, Texas, is reported to be in Buffalo now.—Orr Nash (Bolo) Stuart is still heavy weight champion bowler (he says so himself) of Cleveland.

That's all for this issue. Perhaps enough fellows will turn out to the Five Hundred Dinner early in November to give an account of themselves so that we can fill this space again soon.

E. H. MILLER, *Secretary*,
547 Lake Ave., Rochester, N. Y.

'24

It is with considerable regret that we must record the death of Henry Perra of Course IV. The following is taken from the *Boston Globe* of October 19: "As the body of Lieutenant Henry R. Perra, Taunton aviator, who met his death in an airplane accident in Long Island Sound on Wednesday afternoon, was lowered into the grave at St. Joseph's Cemetery to-day, three Army airplanes from the East Boston Air-drome, under command of Captain Christopher Ford, circled over the cemetery in formation to give the aviators' farewell to their comrade who met his death while training. The funeral was held from the residence of his parents, Mr. and Mrs. Ferdinand L. Perra of 34 Madison Street, and was followed by a solemn high mass of requiem at St. Jacques Church."

On Columbus Day, Perra with another reserve lieutenant, who was in training, made a trip to Boston from New York, circled around his home in Taunton and then went to the Boston Airport, where he was met by his father. On the return trip his plane fell into Long Island Sound. Perra rowed on the 1924 class crew when it took the championship in 1923. He was also a member of the varsity squad. To his parents and friends we extend our sympathy.

I want to call to your attention that every course in the second section is represented here this month. Quite an accomplishment! I should also like to call your attention to my change of address, although very few of you have been using the old one.

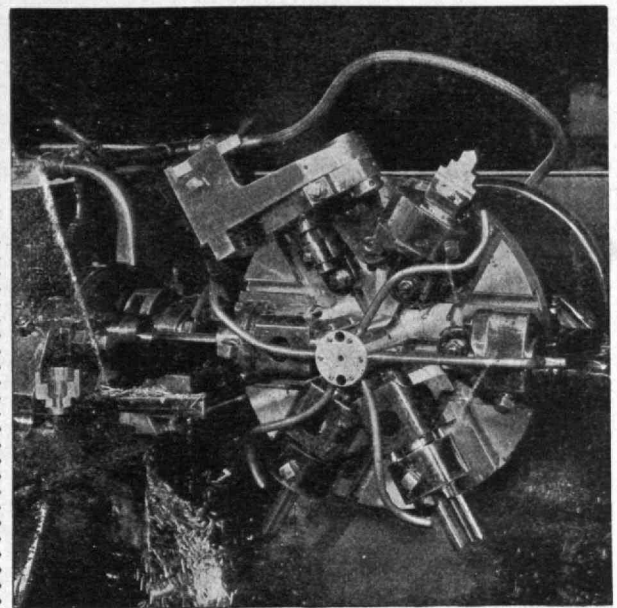
HAROLD G. DONOVAN, *General Secretary*,
2134 Park Street, Hartford, Conn.

COURSE II

Attention! The current year is already well under way, and your Secretary's desk is in a deplorable condition for lack of material to be included in these columns.

Last year we did fairly well but you will all agree that we might have done better. At one time last year I sent a form letter to every member of our group and I am still waiting for an answer to some of them. I have so little information about our members that I refuse to send it in for this issue. In fact there is only one member, except myself, whom I know anything about. Come on, fellows, send in some letters.

FRED S. HUNGERFORD, *Secretary*,
Canastota, N. Y.



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1924 Continued

COURSES VII AND IX

News of the two courses is rather light, but here goes for what there is of it. The biggest source of news during the summer seems to be marriages (more of which later). Members of Course VIII will be particularly interested in the marriage of Miss Frances L. Bliven, date unknown, to William E. Whedon. Her present address is Hampton, Va. Norm Mansfield informed us recently that Nip Marsh was married rather quietly not long ago. Unfortunately details are lacking in this case also.

Earle Bates, of baseball and political fame at school, has been in the city several times of late looking over a contract he has for granite on a big construction job in New York. Bill Robinson has seen him several times and says he is making out very well with his quarry in Quincy, Mass. Bill, by the way, can still be located occasionally at the General Electric offices at 120 Broadway.

Evidently business is picking up in the city, for every luncheon meeting lately has brought forth one or two marriage announcements. Bill Levi seems to have led the way early this summer. Bill was dragged into the office a short time ago as he paused irresistibly to look at our show windows, and I happened to glance up and see him. He informed us that he had recently branched out for himself in the chemical line. The venture was too new, however, for him to report any phenomenal success as yet. DiSomma has also married since early summer. Possiel was married on the third of July. Bill Correale recently changed his job and is now with Parsons, Clapp, Brickerhoff and Douglas. Evidently the change was prosperous for he was married the latter part of August.

I had a letter from Dave Schoenfeld the latter part of August which was much appreciated, although, like most of my correspondence, unanswered as yet. He says in part, "I have met Criswell and Gohr, both '26, here (Chillicothe, Ohio) but was sorry to miss How Whitaker and Ed Harris whom, I found, are at Dayton. The worst part of the deal was that I just spent two days in Dayton with Jacques Lehman. I left Milwaukee and all that goes with it last Saturday and expect to land in Allentown next week. I hope to see some of the old gang in Pittsburgh Friday, but one can never tell." Ted Taylor has moved up from Philadelphia to join us here and is located with the Robbins Belt

Conveyor Company. He is going through preliminary training and expects to go on the road for them. — Bill Billard has left the Wall Street district and is now with Graham and Norton at 126 11th Avenue.

I moved to East Orange this summer and find that there are quite a few Technology men here. Bus Kirkpatrick lives nearby in Bloomfield and spends his working hours with the John Manville Company in New York. — Wink Quarles is now in the New York office of the McGraw-Hill Publishing Company and lives on the same street here in East Orange. — Scotty has left Moody's Investors Service and is with the Bakelite Corporation. He has been training with them and by now has probably moved to their Rochester or Cleveland office.

I am still with the Elliott Addressing Machine Company, although my job with them has changed several times. My time is spent entirely in the office now, and if any member of the Class is passing through New York he will find a welcome for him at 117 Leonard Street. My East Orange address is 214 Prospect Street, and I hope the members of the two Courses will add to my mail at that address.

GEORGE W. KNIGHT, *Secretary*,
214 Prospect Street, East Orange, N. J.

COURSE X

We were back at the Institute a few days ago and found that Elmer Brugmann is continuing his researches on x-rays; that Hank MacMillan is an expert with suds (a soap derivative); that John McCoy is a gas and fuel engineer; that Jose Loubriel, V, is something big in the food laboratory. MacMillan, you know, is married and settled in Boston. Ever since leaving the Institute, Mac has been working on laundry problems and it is in that same capacity that he is now laboring.

Jack McCoy is soon to be in Bayonne, N. J., in charge of a new gas and fuel engineering station. We went around to his office a dozen times but couldn't catch him at work. We hope to see him, now that he is near the Holy City.

Brugmann, Stretch Johnson and I had food at Durgin's that night, and we weren't there but a minute before Jack Gesture Parsons, VI, came over to Hortense's table. Not far behind came Senor Loubriel to the glory of the feast. From then on the twenty-fourers came in so fast that poor Hortense begged us to eat and be merry later. 'Twas the merriest meal in over two years.

Freddy Reed is now assistant in charge of the color photography laboratory of Eastman Kodak Company. — Bob Mackie is working on the design of a new system of oil distillation.

W. B. COLEMAN, *Secretary*,
40 Morningside Avenue, New York, N. Y.

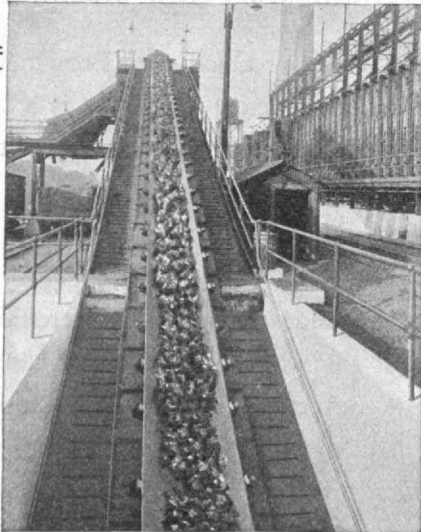
COURSE XIII

With this writing begins a new year of Course XIII history, new in the sense that several of our members are either contemplating or have taken on additional responsibilities and partners. Perhaps the names of some of those contemplating matrimony had better be left a secret until a more opportune time. However, I can say that Harold Young has signified his intentions to the world at large.

The most recent in my mind is Gubby Holt's wedding on October 2. Gubby was married to Miss Alice Miller, of Quincy, in the Congregational Church of the same city. It was a very pretty double wedding, Archie Nickerson being married to Miss Miller's sister Dorothy at the same time. Later the Holts and Nickersons got away for a trip to the mountains. Mr. and Mrs. Holt will reside at 119 Mountain Way, Rutherford, N. J.

Ed Russell, I believe, is down my way in Providence, but I have not yet been able to locate him. — Harold Young dropped in to see me one evening last month. He had just returned from Pittsburgh, where he had been working with the Byer pipe firm. He is going to promote their interests in the three most northern New England states. — Sinbad was very interested in his work and we wish him success in this new venture. He announced his engagement last June to Miss Lucille Barrett of Nantucket. Congratulations, Sinbad!

Of the remainder of our crew, I have little to offer. They have been too busy, I presume, to write even the meagre details of their progress on this sphere. By the next issue I shall try to pry loose some of the secrets that they may be holding. My own existence continues in its happy state in this wild and woolley State of Rhode Island. The business of keeping the public contented is proving to be a real but interesting task. As my vacation included a trip to Washington and the Philadelphia Sesquicentennial, as well as a week on Cape Cod, I feel that I have been very fortunate this summer, and I hope that my



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1924 Continued

friends have enjoyed their vacations as much. Best regards from all until the next issue.

G. FRED. ASHWORTH, *Secretary*,
224 Broadway, Pawtucket, R. I.

COURSE XIV

Your Secretary has been doing a little traveling in this early fall and can, therefore, record a trip to the Institute. His vacation came late this year, the last two weeks in September, and while school had just begun, he dropped in on the old stamping ground.

Piroomoff was one of the first to be seen. He was busy in the industrial chemistry lab on the first floor of Building 2. Amongst all the pipes and furnaces, he was working away at a great rate on a furnace of his own which was involved in the production of rubber tires. He was unmarried, and stated that no plans had yet been made in that connection. Morgan, he stated, was still in New Bedford and was now a family man.

The next one to see was George Swift who is still in the electrochemical lab. However, his duties have greatly increased. Professor Thompson is away in Europe and as a result George is giving one of his courses. His position in the back of the lab is still headquarters for any one who is ever there. In addition to his work at school he is also interested in Woburn in the cultivation of flowers for commercial purposes and next year expects to make quite a profit out of it.

I also saw Dr. Goodwin, who as you may know is also Dean of Graduate Students and is therefore, quite busy. As we didn't discuss any of the Class individually, there was no further news to be gained there.

I did see several fellows who were not connected with our Course. John McCoy was at the Institute that day. He was very soon to go to Bayonne, N. J., to take charge of the new X-A station in Fuel and Gas Engineering at the plant of the Tidewater Oil Company. I tried to see Elmer Brugmann but the first and third times I called he was out and the second time busy in a conference. I also saw Phil Bates who is now doing graduate work toward a doctor's degree. Mac-Millan of Course VI was also on his vacation and visiting at the Institute. He is now with the American Tel. and Tel. working on their toll lines.

That you may know where to write, when you have news, I will state that I am still with the Travelers Insurance Company in Hartford, although I have changed my home address. Please file it away for that need.

HAROLD G. DONOVAN, *Secretary*,
2134 Park St., Hartford, Conn.

COURSE XV

The All-Technology Smoker of this year, held the evening of October 8, saw the first presentation of the George Swartz Medal for excellence in athletic management. This medal, given in memory of George by his classmates, takes equal rank with the Technique Cup, its bestowal emphasizing as it does the equally important management side of the athletic shield. The medal, a photograph of which may be found in the May, 1926, issue of *The Review*, will be presented annually to the Technology undergraduate who, in the estimation of those qualified to judge, has done the most for the management of Technology athletics during the preceding year. The first recipient was James A. Lyles, President of the Class of 1927, and basketball manager. Bill Robinson came over from New York for the occasion, and, in presenting the medal, gave a bully talk to what he aptly termed the most enthusiastic undergraduate gathering he had ever witnessed. It was certainly pleasing to us to have you fellows respond as you did to our call for funds for the establishing of this medal. Now that our work in this connection is over, we thank you with all our hearts. A new Technology tradition has been born. We need traditions at Technology. It is not too late to build them. Terming the presentation of this medal a tradition may be criticized, but we believe it will take its place as such in Technology's scheme.

Miss Barnard certainly had a splendid trip and we hope that all of you who could, saw her. It is fortunate that we have such an able person to form the connecting link. She returned with information about many of you which had never reached the gaping ears of your Secretary. Many of you have changed jobs or locations and no word of such changes has come here. A note to your Secretary in such

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1924 Continued

cases would help matters greatly. We had the announcement of Nish Cornish's marriage to Senorita Maria Luisa Pages at Mexico City on August 1. Best wishes, Nish! Nish is representing the General Fireproofing Company of Youngstown, Ohio, in Mexico. — Word comes from Indianapolis of the arrival of Mr. Joseph M. Naughton, Jr. Congratulations, Joe! — From this same city there is the news that Gem Gemmer is now with the Marmon Motor Car Company. That's a good car too, Gem. — Sid Doyle is also in the automobile game, studying sales and service with the Oakland-Pontiac organization in Detroit. — John Byrne is now with the Llewellyn Iron Works in Los Angeles, and has a wife and small daughter. — Clarence Sullivan has moved from Cleveland to Clarksburg, W. Va., where he is with the National Carbon Company. — Ed Sohn is with the American Can Company in New York.

Dean Plant, on leave from his activities with the Public Service of New Jersey, was a summer visitor to Boston and we had an opportunity for a short talk with him. — Wink Quarles is now in New York with the McGraw-Hill Publishing Company. — Frank Shaw has left the Stanley Works at New Britain, Conn., (where Ludwig is employed), and has come to Boston to be with the Rust Craft Publishing Company. — Ralph Bartlett has had some interesting experiences with the Protexwell Corporation in Chicago developing Protexwell, the Japanese waterproof silk. — Ray Bowles is now with the Armstrong Cork Company at Lancaster, Penna. — Howard Emerson is with the Mason and Hamlin Company in Boston.

Last reports had Ed Dunlaevy in South America with The Foundation Company. — Dave Evans is statistician for Rutter and Company, investment bankers in New York. — Jack Lehman is now with the Miami Valley Coated Paper Company at Franklin, Ohio. — Bill MacCallum has joined Charlie Phelps and Jim Peirce in Peirce-Phelps, Inc., Philadelphia, wholesale radio supplies and equipment. — The last word from John McPhee was to the effect that he was with the New Mexico Lumber Company in Colorado. — Bill Rowe is with Camp Supplies, Inc., in Boston, and Gee Wheeler is selling real estate here for McAuslan and Nutting. — Al Sparrow is with the Perry Laundry Machine Company at New Bedford, Mass. — Paul Ryan is now associated with Foster Hamilton Ryan, Inc., the

advertising firm of Tulsa, Okla. — Dave Meeker is with the Hobart Manufacturing Company, Troy, Ohio.

A very interesting letter came from Jack Parsons, who is in Madrid with the International Tel. and Tel. Company. His address there is *Cia Telefonica Nacional de Espana, Gran Via, 5*, Madrid, Spain, and we quote him as follows: "In July of 1925 I reported for work with the International Telephone and Telegraph Corporation. After a week in New York, mostly spent in visiting offices and plants of the Bell System, they shipped me off, along with eleven other men, to Havana. After wandering all over the organization to find out what the telephone business is all about, I landed a more or less permanent berth in the traffic department. The work was quite varied and interesting — the most unexpected item being the preparation and delivery before the "mike" of a speech in French during the international radio tests. That was from PWX of the Cuban Telephone Company. In March I was put in charge of traffic in the eastern half of the island, and spent the next two months traveling around in great style among the palm trees and cane fields. The winter climate is perfect there, but the summer is very warm. In Havana I lived with several other members of the student group, among whom were Fred Garrison, '24; A. B. Rudd, '24; and Ed Wendell, '25. The latter was sent over here to Spain last November. The others are still in Cuba. I received my transfer on April 12, and had less than three days to come in from the far end of Cuba, pack, obtain a passport, and so on. The company very kindly let me spend a week in Paris with my family, and then I reported for work here in Madrid. It is even more interesting than in Cuba and my company has a tremendous job ahead of it. The opportunities here seem practically unlimited, and if there are any Course XV or Course VI men who like to travel and know a little Spanish, I would advise them to make a call at 41 Broad Street, New York. Best wishes to all."

We have had some very nice letters from several of you. We wish that we might be able to correspond with each one of you personally. We are here to help you, don't forget that, and be sure to look us up if good fortune should bring you to Boston.

JOHN O. HOLDEN, *Secretary*,
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'25

The October dinner for the men around New York, took place on the twentieth. It was held in The Village; both to get better and cheaper food than the Technology Club furnishes, and also to escape the somewhat restrictive atmosphere of the Club. George Holderness' report on the Course IV dinner, under the Class of '23 notes in last July's Review, will indicate the kind of good time we all had. The main difference was that our married members either left friend wife at home or else stayed with her. As nearly as we could make out, the following were present: H. V. Robichau, Jerry Miller, Milt Salzman, Gus Hall, Max King, E. E. Kussmaul, Fred Sommer, Sam Samuelson and Spiker, Maurice Grushky, Cyr, Abrahamson, Tod Defoe, Arnie Marshall, Don Wheeler, Bob Learoyd, Billman, Ed Dirks, Bill Northrup, Charlie Giblin, John deKay, Frank McGinnis, E. N. MacLeod, Roger Ward, Wilder Perkins, Connie Enright, J. E. Black, Phil Niles, and Ray Gallagher. The latter was all dressed up in a tuxedo, but refused to make a speech.

Plans for future dinners include one at which the ladies will be present, which will probably be held at a place where we can dance, and one at the Technology Club when the movies taken during our four years at Technology are to be shown. Better come and find out what you really did at the Senior Picnic!

Elmer Knight was down here for a week a short while ago. He is a surveyor for the Associated Factories Mutual, which means that he roams around from town to town making pretty plans and isometrics of the factories the company is insuring.—Peewee Littlefield, also with the Associated Factories Mutual, is rooming with Elmer at 261 Newbury Street, Boston.—Jocko Malone, another Associated Factories Mutual man, was here too. His job is that of inspector, seeing that no cheese is smeared on the match heads.

As you may notice, practically all the news this month has been collected around New York. Of course "we New Yorkers" realize that this is the center of the universe, but there must be something happening in the more remote parts. We hope that, in the future, all of you will take a few minutes off to write us the story of your lives since leaving the Institute.

FRANK W. PRESTON, *Secretary*,
17 Gramercy Park, New York, N. Y.

COURSE I

If the first attempt is any indication of how the news letters are going to come in each month, then they will never have to put additional pages in The Review in order to accommodate the '25 notes. Out of about seven requests for letters sent out the past month there was one reply. Well, better luck next time.

We'll mark Ballentine's name on the honor roll for sending in the lone letter. He says that he is an inspector on construction work for the Eastern Massachusetts Street Railway Company in Salem, Mass., where they are making a car barn out of an old power house. He went to Harvard Law School for a while last year but gave it up on account of his health. "I didn't get thrown out, honest," he writes.

Fitzie McLeod blew in town recently. He is working for E. F. Hauserman Company making estimates on steel partitions, and angling for orders. He made his debut at our Class Dinner this month and he was right at home with a big political cigar in his mouth.—Another newcomer at our last dinner was Ray Gallagher. He thought that he would do things up brown at his first appearance, so he blossomed forth in his tuxedo. It was lucky that he did because he was late and he had to pretend that he was a waiter in order to get by the doorman. (Yes, it was that kind of a place.) Ray is an assistant superintendent for the Taylor Construction Company working on apartment houses around New York.

While we were engrossed in a heavy game of bridge the other night, some one called up the club to find out about the next Class Dinner. It turned out to be Max King, freshly arrived in New York from Toledo. It seems that on October 16, Esther Berven of Susquehanna, Penna., and Max exchanged the customary "I do's" out in the Ohio city and straightway left for New York as per the wishes of those higher up in the Building Products Company, dealers in ornamental iron, and so on. Max is utility man in the field for jobs in the New York district. Max did manage to get part of an evening off to attend the dinner and he had some news about Don Howe. Don is surely a restless critter. The last that we heard about him he was in Spokane, Wash., but now he is in Billings, Mont. The Billings Polytechnic Institute was looking around for a new man to take charge of the electrical engineering



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Grass Greens

1925 Continued

department and when they heard that Don had taken triple E, no one else would do for the job. He is teaching algebra and plane geometry in addition to electricity and radio.

The last changes of address received from the Alumni Association by the Gensec give possibilities of news. Ted Kuss' latest address is given as care of Stone and Webster, Havre de Grace, Md. All of which means that he is probably working on the tremendous hydro-electric development at Conowingo. Herb Pierce now receives his mail care of The Truxillo Railway Company, Puerto Castilla, Honduras, C. A. About the only thing that we can infer is that Herb is no longer in Cuba. Will he ever get enough traveling?

I received a letter from Ken Prescott this morning. He is still with the Massachusetts State Highway Division and is assistant engineer on some road construction out in the western part of the state. He reports that he is getting along fine and likes his job.

Well, fellows, if we want to keep this section of The Review going you will have to write some news letters, so don't be bashful when your turn comes. Write early and fluently.

So long 'til next month.

HAROLD V. ROBICHAU, *Secretary*,
 17 Gramercy Park, New York, N. Y.

COURSE II

Theoretically I should naturally crave work, but actually I seem to delight in postponing my duties (including this one) until the last moment. During the last month I expected to find quite an increment in my mail, but I was disappointed and had to be content with the usual peak at the first of the month. Goaded by my disappointment I took the initiative and my typewriter and asked some of the fellows just what they were doing.

Toni Lauria came crashing through with an answer inside of a week. As you probably know, Toni is working for the Goodyear Company in Akron. He says, "My main work is service. If any trouble comes up in the production of any article it is my function to find and correct the trouble. Where there is any new product to be made then the design work comes in. Work must be done in developing that product and making it in our experimental workshop until we are satisfied with its quality. Then we put it into production and follow it through until it is proven that the process will or will not work out efficiently. Some dude from the efficiency department comes down with a stop watch and takes time on all the conceivable movements and then he retires to his shell and about a week later comes out with a report as to what and how much each and every movement made in the construction will affect the cost of the product. Any change we make must be studied in this way and before any major change is made the report from this gang has to be okeyed by all the big bugs. Boy! What red tape."

Toni didn't confine his letter to himself either for there are other '25 men out there. He continues, "Jim Holland is working in the same department with me and is on service work on passenger tire repairing. He started in to be an expert on fabrics, but this life bored him, so he transferred to his present job. — Irving is working for the highway transportation department, and is doing work along bus line contracts. He checks running conditions on tires and buses with which Goodyear has contracts. — Johnson was working in the tire testing department, but he was changed into the fabric research where he now tries to explain and find out why fabrics act as they do and how to improve them." Toni adds that he is heart and fancy free so that all girls are interesting and he manages to have a fairly lively time. To prove the last part of this he says that there are enough girls in Akron to satisfy the most critical as well as some for those who aren't so critical.

The next news came from Browning. Harrison is working for his father selling and making tractors. His letter was mailed in Arkansas and reads like a Cook's Tour pamphlet. He had been sent out to Oklahoma to rescue a stranded steam shovel. The shovel was parked in a water hole and the only sign of life was a family of turtles living in the firebox. He had almost salvaged the shovel when he had to leave and demonstrate tractors to the government. To make the trip easy he bought a Ford and drove through Arkansas, Tennessee, Alabama, Georgia, Florida and Louisiana. The day that Harrison wrote the letter he had just finished demonstrating the last tractor to the National Forest officials. That left him free to return to Oklahoma and chap-erone the steam shovel back to civilization. Having finished that he expected to return to Cleveland by way of Chicago and become purchasing agent for the company. In his travels he ran across the general

1925 Continued

store in front of which hung the sign "Bacon and Cole." Browning wanted to stop and visit Henry and Austy but didn't have time to stop. He also assured me that he wasn't married and didn't see any immediate prospects of getting that way.

The third letter came in last night — from Jack Rountree. I sure ought to appreciate that letter because according to the dates on it it took nearly two weeks to write it. Jack is still working for the Socony Oil Burner Company in Niagara Falls but he doesn't seem to be very enthusiastic about it. He and Davol of the well-known Dippy-Davy-Duo are going to high school there (nights). Evidently there was something they missed at the Institute. Jack seems to be in much the same predicament as myself. He says, "I haven't talked to a woman since the time I met that school teacher a month ago." Jack also invited me to come up and partake of some Buffalo Beer and see Niagara Falls illuminated by a billion and a half candlepower. I can't imagine what the Falls would look like under the combined illuminating effect of the billion and a half candlepower and several seidels of Buffalo Beer. I'm for trying it.

And still they drift into New York! Perkins has recently joined the gang operating in the vicinity of New York. He is working in the research department of the Manhattan Rubber Company at Passaic, N. J. He tests everything from fire hose to deckle straps (whatever they are) — Jocko Malone, Chuck Knight and Henry Chippendale passed through New York during the last month, all en route to somewhere, especially Chip who was en route to most any place he could get transportation to. When last heard from he was in either or both Texas and California.

ROGER WARD, *Secretary*,
17 Ash Street, Garden City, L. I., N. Y.

COURSE IV

The secretary of this course, Charles E. Peterson, has moved to Moberg, S. D., where he is working for the Chicago, Milwaukee, and St. Paul Railroad. His mail address is P. O. Box 175. Of all the secretaries that sent in notes, he seems to have had the worst luck in getting

information, for he didn't get any answers at all to his requests for news. To quote from his letters: Number 1 from Hettinger, S. D. "I am surveying the scene of a wrecked Oldsmobile where two dead men lay, having been struck by the train that brought me to work." Number 2 from Moberg. "This is sure a desolate and undeveloped country, but I hope to find a few small advantages, such as saving money because there is no place to spend it. Everybody seems big and strong, a case of the survival of the fittest and the elimination of the weak, so I expect to grow strong or be eliminated, which, is the question." Charlie enclosed a letter from Don Howe, parts of which appear under Course I.

FRANK W. PRESTON, *Secretary Pro-tem*,
17 Gramercy Park, New York, N. Y.

COURSE VI

Well, old timers, another month has passed, and again I gather together the loose strands of our Course. By the way, it is quite a job obtaining information without adequate coöperation on the part of the members of the Course. Send in your letters giving the latest dope on as many fellows as you can. I would like especially to hear from the Sixers in distant cities, as such information will lend a distinct glamor to the notes.

Bob Dietzold was in New York the first part of October. He dropped in to see me at my place of labor(?) at 140 West Street. Naturally Bob was looking and feeling well after a year's employment with the Good-year Tire and Rubber Company. At present writing he is in New Haven taking an arts course at Yale University. — John O'Brien is working for the Westinghouse Company in Wilkensburg, Penna. I heard that Manuel is also employed there. — So far Benos and Tsongus have not solved New York's transit problem. They are working for the B. M. T. and I hope that they can decrease congestion so that we can at least obtain a strap.

I understand from Yarmak that Roberts and Kulman are working in Pittsburg for the Duquesne Light Power Company. — Jimmy Hooks has decided to go into business for himself and is now located in

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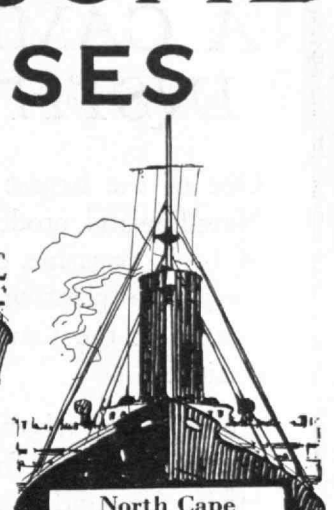
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1925 Continued

the 42nd Street district in New York. — Harold West and Ricky Wheeler are still with the long lines department of the American Telephone and Telegraph Company. I was talking to Ricky over the phone and he said West was in Buffalo. I guess they have traveled all the eastern section of the United States. — Cyr left the American Telephone and Telegraph Company some time ago and is now connected with the Industrial Controller Company. He is a sales engineer and has an office in the Hudson Terminal Building.

If you have any information please write to me at either 140 West Street, New York, or my home address.

C. J. ENRIGHT, *Secretary*,
North Street, Greenwich, Conn.

'26 In mood apprehensive the Gensec had at the mail on the morning of the twenty-fifth, but his apprehension was groundless. For, by hook or crook, special delivery, or punctuality there were in that last minute mail litanies ranging from the flute-like notes of Bill Meehan to the arpeggios of Moony Owen. It was very reassuring, very comforting. The Class bids fair to have the best Course Secretary organization yet articulate within the pages of this great magazine. The only rift in the lute is a Gensec lackadaisical, able only to speak in a monstrous little voice of epochal Class history.

The Gensec receives, and having read, passes on. So with the following historical document from Whitney Ashbridge, globe trotter, writer for *The Tech* of some of the best play and book reviews it ever printed, friend and confrere of the Dorm Goblin, now a budding engineer: "Has any one written you of the Class of 1926 dinners that have been held here in New York this summer? . . . Elmer Knight was in charge of the first dinner held in August. We had twenty-six members of the Class present and we had a splendid time. The speakers were T. C. Desmond, '09, President of the Technology Club of New York, and D. R. Linsley, '22, Secretary, who outlined the plans for the National Technology Center and welcomed us as recent alumni to the Technology Club of New York.

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"The second dinner was run by C. E. McCulloch as Elmer Knight had gone to Brooks Field, Texas, and Dr. J. C. Duff, '86, spoke on the Cocoa Industry.

"The third monthly dinner, held in October, was not so well attended — only seventeen were present as it was a miserable night and most of the men were scared away by the wind and rain. C. McDonough, '12, spoke on 'Foundations.' He is assistant chief engineer of The Foundation Company, with whom I am working in the New York office. I find it most interesting and expect to go off to South America or some other far country in the not too far distant future. We have quite a colony of '25 and '26 men here at the Club where I am living for a while."

The New York group deserve plaudits and olive wreaths for the initiative they have shown in so quickly getting a social organization under way (pointing with pride). There, Gentlemen, is an example for you. Dinners can be held in other cities to the pleasure of all and the honor of the Class. In lieu of dinners, round robins are suggested, particularly among members of the old Institute social organizations. Anything that can be done to preserve the solidarity of the Class will hasten the evolution of the variegated human race. And, without exaggeration, Gentlemen, the greatest and most useful service you can render (the Gensec realizes this smells of genuine Class Secretary homiletics) will be to bethump your Course Secretaries and the author with news and letters *ad infinitum*.

Your Secretary is convinced that his class office induces a psychopathological condition bordering on sermonizing. Tinges of it are in all Class Notes. He proposes to avoid it as much as possible, although he cannot stop this time without emitting several dithyrambs on class spirit, even in graduate circles. In 1931 comes our Five-Year Reunion, and it is essential that a reasonably effective class organization be functioning by then.

The Secretary begs to inform you that marriages are occurring so thick and fast that they no longer can be recorded in awed language among these introductory remarks. A feminine friend of 1926, on hearing that more than a dozen marriages have taken place remarked "Twenty-six always was a peppy class." So mote it be.

The Gensec represented the Class at the first Alumni Council Meeting of the year, a report of which may be found in the front of this periodical.

The Course notes below offer an extraordinarily varied fare — travel in South America, experiments in the higher prose, promotion and demotion, achievement and whatnot. Now you may read them.

J. R. KILLIAN, JR., *General Secretary*,
13 South Russell St., Boston, Mass.

COURSE I

Since graduation, way back in June, Bill Hoar, Marvie Pickett and I have been working for the Phoenix Bridge Company, detailing steel for buildings and bridges. Life has moved along at a pretty sedate pace here in Phoenixville, which, fortunately for us is within commuting distance of Philadelphia. We manage to stir up a little excitement occasionally as a relief from small-town life.

Our efforts to locate some other '26 Civils resulted in the unearthing of W. W. Peterson and Sampson, who are working for the American Bridge Company at their Pencoyd plant. They expect to be there for a few years. So far no others have turned up in this vicinity, although we heard that Kinzey had been in Philadelphia inspecting bus tires for the Goodrich Rubber people.

On a trip to Boston in September we ran across our class marshal, track captain, et al., George Leness, directing the construction of a road behind the Institute. George has entered Harvard since and is engaged in study for his A.B. He writes that the atmosphere up the river is indolent in a measure, quite a change from the days back at Technology when instructors fired problems at us every day.

The railroads have claimed their usual number of men, the Boston and Maine having captured five or six of our promising classmates, including Joe Levis and Pop. They tell me that they are getting all kinds of valuable experience in bridge work, both in the field and in the office. Incidentally, Ray Freeman has been at work on the Boston and Maine tracks surveying for Desmond, Engineers and Constructors. The Boston and Albany have added Champ Peterson to their surveying force.

A trip back to the Institute will show quite a few familiar faces, both in classes and offices there. Cobb and Wilbur, at last reports, were back, either preparing for their master's degree or working as assistants.

1926 Continued

Stone and Webster have at least two of our recent graduates: Bill Hamilton, who is working in their Boston office, and A. W. Peterson, who is transit man on a job in Brooklyn.

Scattered notes have turned up disclosing that Bill Latham, who started off with the Barney-Ahlers Construction Company, is now working in his home state for J. W. Ferguson, Glenbrook, Conn. — Sam Brooks is resident engineer for J. R. Worcester on a concrete bridge job at Falmouth, Mass., from which place he journeys back to Boston once a week for reasons at present unknown to us. — McFarland is with the Pennsylvania Railroad out in Indiana. — Packard is in Chicago with the sanitary forces of that city. — Wheeler is with Fay, Spofford and Thorndike.

We received a letter from G. R. Peterson telling us that he had successfully completed his courses and was about to start work with the American Steel and Wire Company at Worcester, Mass. He closes with "Well, Bill old top, don't know how long you'll be away, but now that we're both in the steel business, it's up to us to put Gary out of business. The American Steel and Wire is a subsidiary of the United States Steel Corporation."

I've heard from neither Shady nor Rockwell Smith, but I presume that the former is now engaged in the surveying business in Jersey, according to his original intentions.

Practically all the fellows heard from are engaged in some branch of engineering, and all are pretty well scattered, making it hard to get in touch with them with present meagre data on addresses, so I'll have to ask those I haven't been able to reach by now to rush off a letter to the address below, where I intend to stay for some time yet. By next month I hope to have heard from everybody in response to the letters I am sending out.

WILLIAM MEEHAN, *Secretary*,
234 Fourth Ave., Phoenixville, Penna.

COURSE III

In a letter received from E. M. Manning during the summer, he reported that he had started work with the Western Cartridge Com-

pany at Alton, Ill., and his first job was in the casting shop. His arrival was coincident with the appearance of a hot wave so that his job at the pit fires was the hardest and hottest in the plant. His training was to have included two weeks on that job, as mould man, but on the second day of the second week, his caster was "burnt out" as they call it from the heat and Manning was shoved up to his job. After that he was put on the Ajax electrical furnace and later on a General Electric furnace. This was to be followed by a course of training in the rolling mill. He considered himself fortunate in having plenty to do to keep him from getting lonesome. However, the company was very kind and even went to the trouble of securing accommodations for him in a splendid private family.

A. F. Horle went on the job with the A. S. and R. Company at Parral, Chihuahua, Mexico, in September and reports that although he has done some underground work, he has been chiefly on mill construction work, laying out foundations, figuring pipe, and so on. In fact, he is getting broad engineering experience.

Henry Shick has secured a job with the Inspiration Copper Company in Arizona as a checker on ore chutes underground. He reports that this job is not very hard and not mentally tiresome, but that it gives him an opportunity to learn about the mining operations both below and above ground. For the first week he was under instruction with another man, but now he is all by himself. In spite of the fact that his letter was written the last of September he said that it still seemed to be summer in Arizona, and a good warm summer at that.

J. R. KILLIAN, Jr., *Secretary Pro-tem*,
13 South Russell St., Boston, Mass.

COURSE VI

The problems of getting settled in a job in a strange city are so numerous that your Secretary has only had time to get in touch with a few of you. Let the Secretary know where you are and what you are doing without waiting for him to look you up. It's no mean job corresponding with about a hundred fellows and any assistance which makes the job easier is heartily welcomed. Now for the news.



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1926 Continued

Sid Baylor's marriage is the first, to my knowledge, to take place among the Course VI men after graduation. She was Miss Lillian Ratigan of Whitman, Mass. The wedding was very small and private, and was followed by a reception at the Hotel Vendome in Boston. Sid and his bride have settled in Denver, Colo., where he is taking a training course with the Henry L. Doherty organization.

Rufus Briggs came through wonderfully with news about himself and others. He says, "I am back in school for graduate work after a summer just chock full of interest. I have lumbered in the woods, hunted, fished, camped, flivvered, and canoed up New Hampshire rivers. . . . However, I must admit that I am enjoying this graduate year immensely. . . . I am taking atomistic theory, gaseous conduction, electromagnetic theory, electrical engineering seminar, communications laboratory and a few others."

Bob Dresser is rumored to have a hand in practically all the broadcasting done around Boston. Reliable dope reaches me that he is the guiding hand behind the electrical improvement of at least four broadcasting stations. Notice "electrical improvements." Don't blame Bob for the programs.

Ole Hovgaard is also a shining light in the radio field, being in charge of research and production at the Acme Apparatus Company in Cambridge, Mass. — Raymond Hudson is back at the Institute this year as a research assistant. — Al Pote and Theodore Taylor are doing research work at Technology for the Samson Electric Company of Canton, Mass. — Ken Shaw began the summer in the test course with the General Electric at Schenectady but is now with the street department of the production company of the Public Service Corporation of New Jersey. The production company is the one in charge of all construction. Ken is living in Orange, N. J.

Earle MacMahon is taking the cadet engineering course of the Public Service Electric and Gas Company of New Jersey and is living in Orange, N. J. Earle is at present trying to solve the intricacies of power distribution during the day and is taking some evening courses at Columbia.

Your humble servant is also taking the cadet engineering course of the Public Service Electric and Gas Company of New Jersey. At present I am stationed at one of their large power plants to learn the whys and wherefores of power generation. It's interesting but

dirty. I have a little information for any '26 men in the vicinity of New York. Class Dinners are being held the second Wednesday of every month at the Technology Club of New York, 17 Gramercy Park, New York.

Don't be bashful, write and tell me what you are doing. I offer my services as a general information bureau on activities and addresses of Course VI men. Price: one piece of news.

A. SIDNEY BROOKES, *Secretary*,
Y. M. C. A., 107 Halsey St., Newark, N. J.

COURSE X

I haven't the faintest glimmer of an idea as to what people already know or know not regarding the damage done to this world of ours by the conflagration started by that group which, on the Day of Judgment (June 8), departed from the Great Court en masse, unwet, unharmed, and unstrung.

Wilbur W. Criswell, Jr., he of the iron biceps, commonly known as I-Beam, he who won the name of Shearwell through his uncanny, uneconomical ability to shear bolts at will and against will by the mere application of a Stillson lubricated with elbow grease, joined the technical staff of the Mead Pulp and Paper Company, but after becoming weary of weirs and "white water" and paper and pulp, left on September 1 and enlisted with the forces of the Combustion Engineering Company. At present he is located in Detroit, living in a five-room apartment and a Ford.

Edwin J. Gohr is one of the Tau Bet's and former night editors of *The Tech*, whose popularity was divided between Technology and Wellesley. After considerable deliberation, Ed picked an oil company in Texas and wired a blue farewell just before heading south. Within twenty-four hours he changed his mind and departed for Chillicothe, Ohio, and the Mead Pulp and Paper Company, where Cris had already located. Ed soon became acclimated to pulp losses, paper qualities, and boiler efficiencies and is still enjoying his work with this company. — Walter E. Lobo (Willie) almost had a breakdown after looking after and caring for (not much) his balky, quick-stopping six-passenger (twelve passenger as proven while the bunch was in Bangor) Jewett touring car. Whereupon, Walter tripped to Europe during the summer, hitting the high spots in the Alps and the low spots in Paris (unofficial), sending all of the boys cards from hither and yon now and then. Upon his return to the little settlement of New York he took unto himself a Chrysler sedan and drove to Baton Rouge, La. He is enrolled at Louisiana State University where he is specializing in the study of sugar.

Paul L. Mahoney claims he has never been the same since the Paul-Jay combination broke up after graduation. Inget-Foot, the name cast upon him at the steel plant station in Buffalo, is making good with combustion engineering and will probably be stationed at Milwaukee for several more months. — Charlie McCulloch, when last heard from and seen in New York, was doing his stuff in the laboratory of Union Carbide, Jersey City. But that was late in August and we aren't certain that Charlie is still packing juice in dry cells. At any rate, we of the X-B bunch were thrilled to learn that he had abandoned his asphyxiating tobacco burner after graduation and is now utilizing his past experience on two new Dunhills.

James S. Offutt, after appearing at work in the practice school with his trick velour "detekatif" looking hat, won the name of Mulligan of Mulligan and Garrity, investigators of the obvious and sleuth-hounds of the apparent. Jim hooked up with the United States Gypsum immediately after, settling in Genoa, Ohio. After learning the ropes in the lab and in the plant, Jim was just shifted to Gypsum, Ohio, and is living in Port Clinton. The lime-boy is showing 'em all that the X-B bunch knew their Stillsons. — At the time of writing I am still one of the army of the unemployed — in fact, I think I should be general by now. Beg pardon, I have been working for the past two weeks helping my brother run his hotel in Hartford and picking up a wealth of material for a book, if I ever feel so inspired. Speaking of writing, I recently met one of the high Moguls of the Musical Comedy and Revue Realm, and have been encouraged to write short skits, with a promise of coöperation if I can produce the goods. But that's just a hobby and I'm letting my hobby-horse ride alone for the present. I have several good prospects of a chemical engineering job and hope to land one within the near future.

It may interest you to know that several of the boys, whose feelings can be classified as pride rather than swell-headiness, have met many co-workers who hold degrees from other colleges and who don't quite show the training of the Practice School bunch. Also, Walter



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1926 Continued

says we should be proud of the laboratory account system at the Institute.

J. B. GOLDBERG, *Assistant Secretary*,
125 N. Quaker Lane, West Hartford, Conn.

COURSE XII

Of the four of us who graduated in Course XII I know the present whereabouts of three. Bexford and Callahan were working as engineers in the magnetite mines of Cornwall, Penna., during the summer. Callahan is now back at the Institute as an assistant in mineralogy, while I am uncertain just what Bexford plans to do this fall. Keith is leaving for Mexico early in November to do some geologic work and I expect to meet him there in the spring of 1927.

As for myself, I am down here as one of the junior members of a scientific expedition through Venezuela, the other members in the party being Professor William F. Jones, '09; Dr. Walter L. Whitehead, '13; and Guillermo Zuloaga, who is working for his doctor's degree at Technology. We are having a first rate time despite the troubles encountered in traveling around in Fords during the rainy season. I have learned that a good geologist must qualify first as a long-winded pusher of Fords, and secondly, when not pushing, must be able to make the Ford swim across the muddy torrents that come rushing down from the hills after every heavy rain. Fortunately, all the natives who live along the rivers have banded together in a river crossing association, and with much naked man-and-boy power added to the lesser and often completely lacking Ford power, we eventually succeeded in negotiating whatever water hazard chanced to lie across our path.

We have just completed a short trip into northern Venezuela and are at present in Caracas, buying in tires and sundry other things in preparation for the record and longer trip over the top of the Andes and down the other side into the llanos or plain country. After a consideration of the elevations as shown on the maps, I have reached the conclusion that the labor of teaching Fords to swim has all gone for naught. We must now start all over again and teach them to fly! However, as there are no bridges in Venezuela (relatively speaking) I won't cross them till we get there.

W. B. MILLAR, *Secretary*,
Care of Guillermo Zuloaga, Caracas, Venezuela.

COURSE XIII

The copy notice reached me late in the game due to this change of address, and caught me more or less asleep at the switch. However, here is what news I have. R. F. Flaxington was last heard of seeking a job with the Federal Shipbuilding Company, Kearny, N. J. — J. McVay is serving five months time as an oiler on the Isthmian Lines ship *Steel Seafarer* on a trip around the world. When last heard of, he was enjoying Manila, P. I. — J. E. Norton is working with Ingersoll-Rand, Brunswick, N. J., in the diesel engine shop. — R. A. McLachlan is with Newport News Shipbuilding Corporation, Newport News, Va. He is in the drafting room.

F. E. Strickland is also with Newport News. — R. W. Rogers is "employed" (note the endearing term) as a machinist's helper with Todd Drydocks, Inc., Seattle, Wash., and learning much in the way of Scotch, English and Norwegian.

No more for the present, but I'll get on my dogs and get some more.

R. W. ROGERS, *Secretary*,
1019 36th Ave., North, Seattle, Wash.

COURSE XV

Well, this time I have some real dope on the activities of our illustrious classmates since we set out to conquer the world. Most of the fellows report it as being a slow job. Thus far I have succeeded in writing to fifty-three of the fellows and their responses have been unusually good. Continue to let me hear from you all. I will write each as often as possible but remember, it's some job! Here goes.

Charlie Bianchi is with the Rochester Gas and Electric Company and reports that he expected to spend the latter part of October in Boston, honeymooning. Whether the big event came off I cannot vouch for. — Ken Lord says he's working "like the devil" for the Reliance Electric and Engineering Company in Cleveland, Ohio. Right now he's in the drafting department, but doesn't expect to stay there long. — Howard Humphrey is with Professors Schell and Freeland in Room 1-181. During the summer he completed the investigation regarding the organization and management of the small business.

The PERSONNEL OFFICE

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POSITIONS are OPEN to men
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- No. 1049. A corporation with large cotton mill holdings in the south will shortly need a Tech man who has had three to five years experience in cotton mill operation to train for superintendency of a southern mill. This calls for a man who knows the cotton industry and can handle southern labor.
- No. 1050. A welded tank concern in the middle west has a district agency position open for an engineer who can sell truck tanks to oil companies. The line includes storage tanks and seamless cans. A man who has graduated since 1916 is preferred.
- No. 1051. A New Englander is desired for a sales position at \$200 a month, and expenses while on the road. The applicant should have had three or four years experience in concrete work. The commodity to be sold is a substance for mixing with cement to aid uniformity and strength. This substance is also a filter medium and a pipe covering. The principal business is at present in Maine and Connecticut. The firm is well established.
- No. 1052. A position paying approximately \$4000 is open as superintendent of the hardware finishing department of a manufacturing concern in Chicago. Knowledge of production work, electro-plating, lacquers for hardware is needed. Prospects should be able to direct fifty men and constantly be on the watch for more economical electro-plating methods.
- No. 1053. Three opportunities are open for engineers to design small motors. One is with a motor manufacturer. Another was requested by a blower company. The third originated from a pump and engine manufacturer. All three need good engineers and will pay accordingly.
- No. 1054. The yarn department of a chain of worsted mills in New England is in need of a man skilled in the manufacture of wool yarns.
- No. 1055. A rubber concern in New England needs a mechanical efficiency man who is able to mingle with the labor force and develop machinery to replace hand labor. The proposition calls for diplomacy, willingness to wear old clothes, knowledge of time study and bonus systems. The salary to start with will be \$3000.
- No. 1056. A very well known New England concern is starting to make aircraft engines. An engineer between thirty and thirty-five years of age, who has had experience in making and inspecting parts for such engines, is needed. The company must have a complete inspection program organized to fit into their production schedule.

POSITIONS are WANTED
by men as described below:

- No. 2006. A Tech man with 16 years' experience in non-ferrous metallurgy wishes a new connection with a responsible firm. He has had charge of operations in plants of one of the largest mining and smelting companies. He is now engaged in technical advertising, publicity and sales promotion work with a company manufacturing oil refinery equipment. He prefers to locate in the western part of the United States.

All inquiries should refer to numbers and should be addressed to

PERSONNEL SECTION

DIVISION OF INDUSTRIAL CO-OPERATION AND RESEARCH
Massachusetts Institute of Technology

C A M B R I D G E

1926 Continued

Johnny Wills started off with a subsidiary of Harris, Forbes and Company in Ohio but has given it up to devote his life to teaching. Just now he is with Professor Shugrue and in between times at Harvard studying for a master's degree. By the way, a good many of the fellows have inquired regarding Johnny's reported and oft denied engagement out at Radcliffe. Please enlighten us. — Gus Gostanian is with the Pennsylvania Highway Department. — Martin Fireman is with the same department but expects to hook up with a wholesale chain selling auto accessories in the late fall. — Cecil Ogren is with C. H. Tenney and Company. — Guy Frisbie is in Troy, Ohio, with the Hobart Manufacturing Company. He wishes to correct the impression that he's working in a kitchen utensil fac-

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tory. They make coffee grinders and the like so next time you're in a store, look and see if Guy had a hand in making the machine that grinds your coffee. Guy reports that he has joined a country club and taken up golf.

Apel is with the Boston Woven Hose and Rubber Company, while Cedric Thompson and Wingate are with the American Tel. and Tel. Company in New York. — Doc Remington is working for the same company. — Don Cunningham is with Gilbert and Barkers in Springfield. — Pearlstein is now with the Atlantic Gelatine Company and reports that he expects to be married soon but doesn't say when. — Al Entwistle is working in the standardization department of the United States Aluminum Company at Edgewater, N. J. — Les Currier is in Dansville, N. Y., working in a paper factory. — John Spence is working for Estabrook and Company learning the banking business. — Duke Luster is working for the American Foundry and Machine Company in Brooklyn. — Bill Cook is working for the Cook Brothers Leather Company, learning the game of manufacturing calf-skin leather.

Allen Cook reports a trip abroad during the summer. Just at present he is with the Guaranty Trust Company of New York. — Don King is on a tour of the world. He sailed on the S. S. *Ryndam* on the university cruise and expects to return next June. According to the latest word, he'll be in the mid-Pacific when this issue comes out. — Tom McLennan is back in Missouri, working for the State Highway Commission, at present as a bridge inspector.

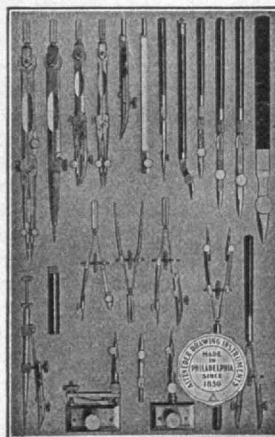
Bill Sessions and Dick Pough are studying at Harvard. — R. A. Bristol is working in Foxboro, Mass., and, believing in the old adage that two can live as cheaply as one, he has taken unto himself a wife. — Bob Glidden is working for the Chrysler Motor Car Company out in Detroit, Mich., while Henry Rickard is working in his father's plant at Haverhill, Mass., learning the shoe business. — Warren Smith, Vaughan and Pete Doelger are rooming together in Harvard Square and working at the Hood Rubber Company, the Dewey and Almy Chemical Company and the biology laboratory at the Institute

CHARLES H. JOHNSON

M. I. T., '05

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1926 Continued

respectively. — Dan Bloomberg was with the Frigidaire people but left to study law at Harvard. — Charlie Rich is working in the planning department of the Dennison Manufacturing Company at Framingham, Mass. — Win Southworth is with the Boston Metropolitan Water Works. — John Fletcher is in Montana with a smelting company. Before departing for the west he married Rachael Gill of Waltham. — Freddy Walsh is with the du Ponts. — Jerry Doolittle is working in a garage down in New York town, selling Buicks. According to Ralph Head, Jerry is driving around in a Chrysler — small faith in a Buick. — Ralph played around with the Tunesters all summer in Duluth and is now in the statistical department of the Head Tailless Shirt Company in Ithaca. — George Edmunds is in Wilmington, hoping for the event of light wines and beer so that business will pick up for the bottle cap company he's working for.

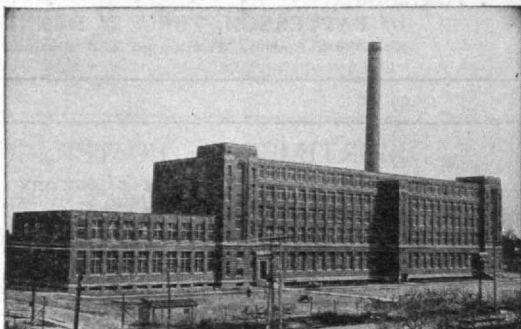
Bob Richardson is in Long Island City with the Mack Truck

Company. — Harry Howard is with the Plimpton Press learning the art of bookmaking. — Johnny Wills promises to let Harry publish his first book. — Bill Freeman is out in Colorado with the Colorado Fuel and Iron Company at Pueblo. — Bill Kalker is in New York, working in the mortgage brokerage field. He reports that Glickman is with the Highway Department of Massachusetts. — Frank Cramton is with the Firestone Tire and Rubber Company in Akron.

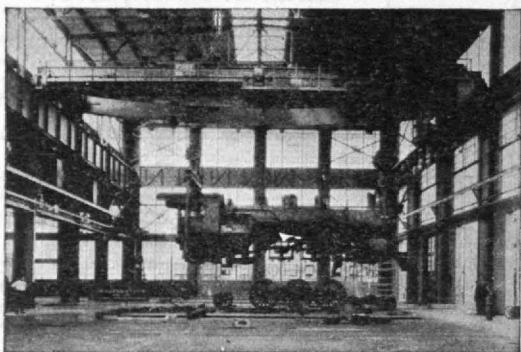
Well, that completes the first chapter of the "Adventures of Course XV Men." Others will follow in due course but only if every fellow will take it upon himself to write me all the dope about his own activities and those of the other men he knows about. Let me hear from you often, fellows. I'll start answering after I finish writing the remainder of the fellows — twentieth-three more to go.

T. W. OWEN, Secretary,
739 Quebec Place, Washington, D. C.

"From Turret to Foundation Stone"

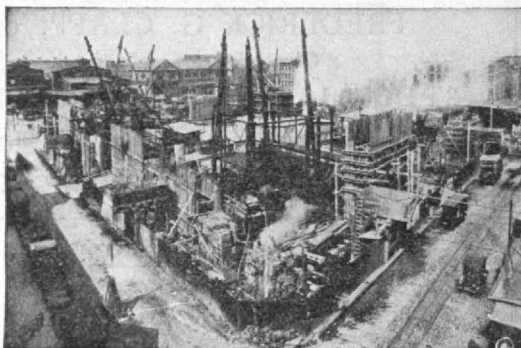


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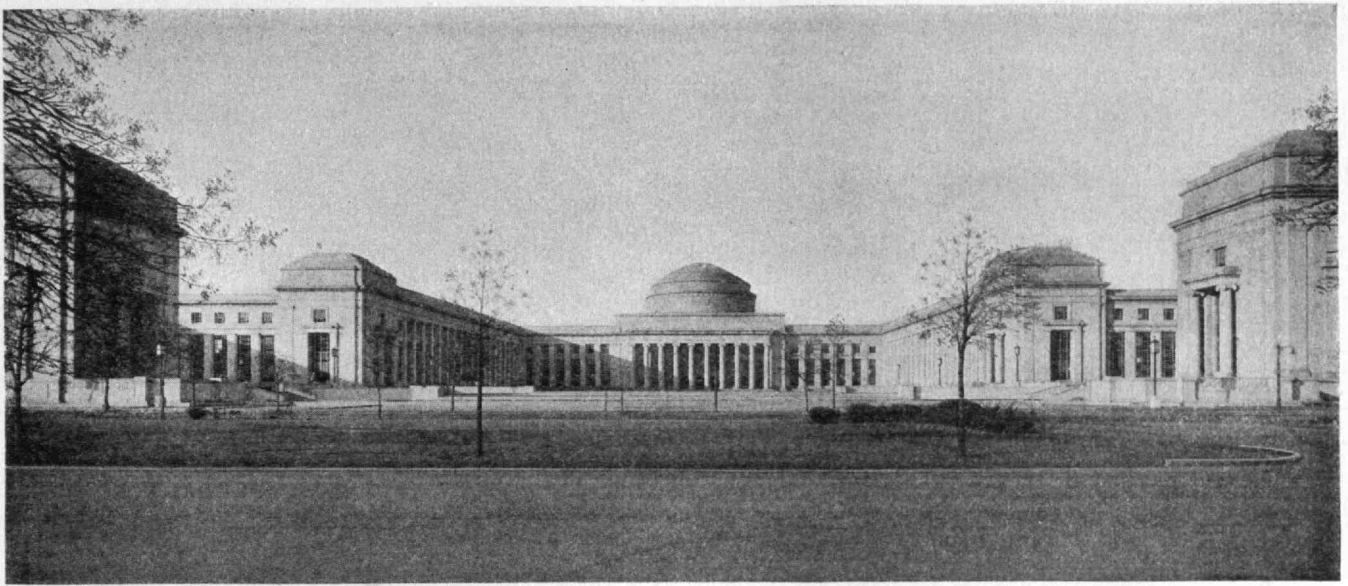
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